

Search report

S1	985254	PROBE? ? OR SENTRY OR SCANNER? ? OR SENSOR? ?
S2	6830711	MONITOR? ? OR DETECT? ? OR DETECTION OR INTRUD? OR INTRUSI- ON OR RESPONSE OR ALERT? OR INCIDENT? ? OR INCIDENCE OR ATTAC- K? OR ANALY?S OR ANALYZE OR SENSORY(W)TECHNOLOGY OR FILTER
S3	565143	SURVEILLANCE OR CRYPTOGRAPH? OR TROJAN()HORSE OR FOOTPRINT? OR VULNERABIL?
S4	202771	(NETWORK OR NT) (5N)SECURITY OR INTELLIGEN? ()DATABASE? ? OR MANAGED()SECURITY()MONITORING OR SECURE(W)OPERATION? OR SEC- URITY(W)ANALYST OR SECURITY(W)ENGINEER OR NETWORK()ADMINISTRAT- OR
S5	211	S1(2N)S2(2N)S3(2N)S4
S6	176	S1(1N)S2(2N)S3(2N)S4
S7	0	S6 AND (SECOR(4N)OPERATION?(4N)CENTER?)
S8	0	S6 AND (SECURE(4N)OPERATION? ?)
S9	72	RD 6 (unique items)
S10	2	S9(2N)MONITOR?
S11	0	S9(5N)ANALYST
S12	2	S10(4N)SECURITY
S13	71	S9(4N)NETWORK
S14	71	S9(2N)NETWORK
S15	2	S10 OR S12
S16	25	S9 AND NETWORK/TI

...on investment. The other complaint is that most framework products don't provide tools to **respond** to the **alarm**."

ProVision, however, delivers a modular tool set -- that is, a set of specialized tools that...

...to enterprise management system vendor, Tivoli Systems, points out that in order to go beyond **monitoring network** and system **events** to actually managing performance, **analysis** is required.

"An event correlation engine is used to analyze real-time event data in...accomplish the correlation of monitored server events. PerfMan, he stresses, is not a real-time **event monitor** .

"PerfMan provides trend **analysis** based on data collected infrequently from agents or from native operating system performance counters. The...

10/3,K/21 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

02304556 SUPPLIER NUMBER: 54841517 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Can Intrusion Detection Keep an Eye on Your Network's Security?(Technology Information)
Karve, Anita
Network, NA
April 1, 1999
ISSN: 1093-8001 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3702 LINE COUNT: 00308

Can Intrusion Detection Keep an Eye on Your Network's Security?(Technology Information)

... eye on network traffic and to know if anything out of the ordinary is happening, **network** security should be supplemented with an **Intrusion Detection System (IDS)**.

IDS tools act much like a **security** guard or a **sentry** . They constantly scan **network** traffic or host audit logs and look for anything unusual, which is normally defined as...

...detection products are crucial to knowing what kind of activity is taking place on your **network** . IDS products can **identify attacks** based on predefined signatures of known methods of intrusion. They can also identify statistical anomalies...

...of products, usually referred to as risk-assessment products, or more simply as scanners. While **intrusion detection** looks for **attacks** in progress, these scanners actually conduct ethical barrages against your **network** to look for vulnerabilities. (For more on scanners, see "Scanning the Network," page 38.) Although...

...attacks. Fourth, it should subject the system to a minimal level of overhead. Finally, an **intrusion -detection** system should also be able to adapt as a **network** and its applications and other devices change over time.

Host-based systems got their start before distributed **networks** became commonplace. In the 1980s, typical host-based **intrusion detection** consisted of reviewing audit logs for anomalous activity, which was sufficient because attacks on mainframe...

...IDSs. Network-based systems monitor network traffic in real time, which leads to faster administration **notification** and faster **response** to any

Search report

ISSN: 1046-4468 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 4410 LINE COUNT: 00369

... brought the idea of vulnerability scanning into the mainstream-and with it the need for **intrusion detection** . **Intrusion -detection** systems (IDS), content- and URL-**filtering** servers, **network** virus scanners and vulnerability scanners augment network security by examining data that's passed through...

...of one security threat. For example, numerous point products have appeared to block access to **networks** , **scan** for **viruses** , **filter unauthorized** Internet access via e-mail or HTTP, track **network** usage and scan for vulnerabilities and ongoing attacks. With numerous point products to install, manage...

...security perspective, including applications, policies and vulnerabilities. Frameworks also should aggregate data, perform event correlation, **handle** routine events and **alert** administrators to events needing immediate attention.

Frameworks Evolution Mimics Network Management's Path

Currently, early...sources. Reporting, historical analysis and automated response all benefit from event correlation. Event correlation for **network** security is no different-rules need to be developed to **identify security events** correctly while ignoring innocuous events.

The mainstay of any security system is its reporting and...whole. For example, Enterprise Security Manager, NetRecon, NetProwler and Intruder Alert will share the same **vulnerability** signature **database** , also slated for the second quarter. Check Point is building on OPSEC, integrating more partners...

...of this year. Initial offerings will cover basic integration between diverse products, such as firewalls, **network** scanners, **intrusion - detection** systems and **virus** /content scanners.

Advanced security options such as event correlation and automated response systems are only...plans. They must be in lockstep. When one changes, the other needs to be re-**evaluated** .

Web Links

"**Intrusion Detection** , Take Two" (**Network** Computing, Nov. 15, 1999) www.networkcomputing.com/1023/1023f1.html

"Anatomy of a Network Intrusion" (Network Computing, Oct. 18, 1999) www...

10/3,K/20 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

02324744 SUPPLIER NUMBER: 55512571 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Of Neugents and Correlation Engines. (server performance management) (Technology Information)

Toigo, Jon William

HP Professional, 13, 8, 2S12

August, 1999

ISSN: 0896-145X LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2341 LINE COUNT: 00197

... offer a solution set for post-Y2K enterprise systems, and developments will be made within **DB tools** , data warehousing, application lifecycle management and Internet technologies.

"We use several of ProVision's components..."

Search report

Surveillance And Intrusion Detection

...servers and workstations in the Solaris(tm) Operating Environment(tm). It incorporates the most comprehensive **knowledge base** for

detecting insider misuse, policy violations, privilege misuse or subversion, illegal resource manipulation, and other site policy violations upon operating systems. This fully packaged solution provides users with:

- a **knowledge base** of 39 host-oriented misuse-detection methods,
- extensive user ability to configure both the **knowledge base** and surveillance policy,
- a graphical reporting console for managing sensor alerts ,
- detailed **response** directives and human readable countermeasure recommendations,
- and real-time and batch data processing.

When run...

...to the security posture of any Solaris server or workstation. This type of

host-based **intrusion detection** complements other **surveillance** methods such as

network traffic **analysis** and provides direct, correlated intrusion reports on

malicious activity occurring within the host, providing global...

10/3,K/15 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2001 CMP. All rts. reserv.

01208397 CMP ACCESSION NUMBER: NWC20000124S0019

Hammering Out a Secure Framework - Tying enterprise systems management to security management will be crucial as security frameworks evolve.

Solid solutions should arrive by the end of 2000.

Mike Fratto

NETWORK COMPUTING, 2000, n 1101, PG79

PUBLICATION DATE: 000124

JOURNAL CODE: NWC LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Feature

WORD COUNT: 4096

... brought the idea of vulnerability scanning into the mainstream-and with it the need for **intrusion detection** . **Intrusion - detection** systems (IDS), content- and URL-filtering servers, **network** virus scanners and vulnerability scanners augment network security by examining data that's passed through...

...of one security threat. For example, numerous point products have appeared to block access to **networks** , scan for **viruses** , filter **unauthorized** Internet access via e- mail or HTTP, track **network** usage and scan for vulnerabilities and ongoing attacks. With numerous point products to install, manage...

Search report

...security perspective, including applications, policies and vulnerabilities. Frameworks also should aggregate data, perform event correlation, **handle** routine events and **alert** administrators to events needing immediate attention.

Frameworks Evolution Mimics Network Management's Path

Currently, early...sources. Reporting, historical analysis and automated response all benefit from event correlation. Event correlation for **network** security is no different-rules need to be developed to **identify security events** correctly while ignoring innocuous events.

The mainstay of any security system is its reporting and...whole. For example, Enterprise Security Manager, NetRecon, NetProwler and Intruder Alert will share the same **vulnerability** signature **database**, also slated for the second quarter. Check Point is building on OPSEC, integrating more partners...

...of this year. Initial offerings will cover basic integration between diverse products, such as firewalls, **network** scanners, **intrusion - detection** systems and **virus** /content scanners.

Advanced security options such as event correlation and automated response systems are only...plans. They must be in lockstep. When one changes, the other needs to be re-evaluated .

Web Links

"Intrusion Detection , Take Two" (Network Computing, Nov. 15, 1999) www.networkcomputing.com/1023/1023f1.html

"Anatomy of a Network Intrusion" (Network Computing, Oct. 18, 1999) www...

COMPANY NAMES (DIALOG GENERATED): Active **Security** ; Axent Technologies ; **Check** Point Software Technologies ; Computer Associates ; Frameworks Evolution Mimics **Network** Management ; FreeBSD SA ; Gauntlet ; Internet Security Systems ; IBM Corp ; JSB Software Technologies ; Microsoft Corp ; Microsoft...

10/3,K/16 (Item 2 from file: 647)
DIALOG(R) File 647: CMP Computer Fulltext
(c) 2001 CMP. All rts. reserv.

01186353 CMP ACCESSION NUMBER: DAC19990307S0030

More Bark Than Bite - Simplicity? Yes? Savings? Probably. What providers of managed firewall services won't mention are the problems.

Joanna Makris

DATA COMMUNICATIONS, 1999, n 2803, PG36

PUBLICATION DATE: 990307

JOURNAL CODE: DAC LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Cover Story - Firewall Services

WORD COUNT: 4535

... dynamic firewall." The device acts like a proxy firewall but also performs such functions as **intrusion detection**, using **analytical** software that monitors **network** activity from multiple locations.

Search report

After coming up to speed on the type of firewall, corporate...as the Netranger and Netsonar tools from Cisco Systems Inc. (San Jose, Calif.). These store **databases** of known **vulnerabilities** on Unix, NT, and Web servers and automatically send alerts to the management system when...

...providers also furnish raw security logs on request, so that customers can get a closer **look** at **events** and verify response time.

When it comes to auditing the **network** for potential holes, every provider but US West comes through. Audits are performed remotely by...

...range from \$20,000 to \$100,000, depending on the thoroughness. Why the additional cost? "**Intrusion detection** studies can tell you whether or not your **network** is vulnerable, but it takes a lot of work to detail what that vulnerability could...

...changes and hardware failures. Sprint touts the best: firewall availability, response time for fixing hardware, **handling** of network changes, **notification** of critical events, and monthly report delivery are all guaranteed. And customers can choose between...up with an encrypted e-mail confirmation.

7. Get the specifics on how the provider **handles** security **alarms**. Find out who's on its internal escalation list-and make sure account execs and...checks file and directory integrity by comparing a designated set of files and directories to **information stored** in a previously generated database. Differences, including added or deleted entries, are flagged and logged...

10/3,K/17 (Item 3 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2001 CMP. All rts. reserv.

00541216 CMP ACCESSION NUMBER: CWK19930201S5147

FILLING THE GAPS-Vendors are starting to offer wares to ease the transition from mainframe to LAN

Ron Peri

COMMUNICATIONSWEEK, 1993, n 439

PUBLICATION DATE: 930201

JOURNAL CODE: CWK LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: White Papers

WORD COUNT: 3707

... application modules, each priced at under \$1,000 per server. The products promise to provide **network** monitoring, applications **monitoring**, asset management, **virus** protection, protocol **analysis**, software metering, scripting and software distribution. Intel says it intends to support SNMP as well...

...is call management-software that would let a manager easily track problem calls to their **resolution** and provide **alerts** when a problem has remained unresolved for a predetermined amount of time.

From an applications...scan tape cartridges. Half-inch tape drives from Ampex Corp., Redwood City, Calif., and Metrum **Information Storage** Corp., Denver, are now available with 25-megabyte storage capacity. These tape drives use SCSI...

Search report

10/3,K/18 (Item 1 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

02471821 SUPPLIER NUMBER: 69964162 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Preventing Corporate Network Abuse Gets Personal -- Network access abuse and proprietary corporate data theft are a recipe for disaster. Survey activity in the ranks with an employee monitoring campaign. (Industry Trend or Event)
Dalton, Curtis E.
Network Magazine, 56
Feb 1, 2001
ISSN: 1093-8001 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2859 LINE COUNT: 00237

...ABSTRACT: software tools include those from WebSense and 3e6 Technologies. E-mail should be monitored and **filtered** if necessary to prevent virus **attacks**. Host-based **intrusion detection** systems can **monitor** and report on virtually every activity at the host, including user keystrokes. Detecting abuse or...

... configured to receive them, they can be interpreted and used to generate alerts on a **monitoring** console to notify **security** or support staff.

Choke points in your **network** that should be monitored include authentication servers, authorization servers, directory servers, database servers, file and...increase your chances for identifying the perpetrator(s). A key component of forensics is data **archival** and **handling**. For this reason, protect your data storage devices and media just as you would your...

...determine the specifics of how an alert will be generated and who will get the **alert**. **Solutions** such as Micromuse's (www.micromuse.com) NetCool and E-Security's (www.esecurityinc.com...

...the existence of a corporate-wide virus.

The ability to react to events on the **network** is crucial. By **identifying unauthorized** employee activities early on, you reduce the impact to your organization. Add real-time monitoring...

...reached at cdalton@greenwichtech.com.

Resources

The author recommends the following books on employee usage **monitoring** and **network security**:
Network Analysis and Troubleshooting, by J. Scott Haugdahl (2000, Addison Wesley)
Network Monitoring Explained: Design and Application...

10/3,K/19 (Item 2 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

02365470 SUPPLIER NUMBER: 58924050 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Hammering Out a Secure Framework -- Tying enterprise systems management to security management will be crucial as security frameworks evolve. Solid solutions should arrive by the end of 2000. (Technology Information)
Fratto, Mike
Network Computing, 79
Jan 24, 2000

Search report

* Security monitor --A security network monitor will detect problems and provide you with a chance to stop an attack before it does damage...

...though the traffic can be a bit high at times. ISS builds one of the network security monitors that was noted above. Note the ".net" vs. ".com" in the address.

* <http://www.secnet...>

10/3,K/12 (Item 6 from file: 13)
DIALOG(R) File 13:BAMP
(c) 2001 Resp. DB Svcs. All rts. reserv.

01032419 00916679 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Taking It to the Next Level

(Leading network management platforms from several companies are evaluated; future technology discussed)

Article Author(s): Ptak, Rich
Internetwork, v 7, n 12, p 38-44
December 1996

DOCUMENT TYPE: Journal; Cross comparison study ISSN: 1079-0373 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3355

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...basis for differentiation.

Fault management is the ability to locate and correct problems in the network. This includes automatic event filtering, event monitoring, event response, alarm setting, and thresholds. Fault management also examines the volume of events that can be handled...between the device models to build the internal network model.

Inductive Modeling Technology maintains a knowledge base of the models of all managed devices, including a complete functional, performance and relational description...

...to a backup server with some scripting and reconfiguration of servers.

graph omitted

* Support for checkpoint restart in the event of network, host or client failure.

HP is the clear leader in third-party application support. Its...polling and event filtering, and includes integrated NerveCenter technology for event correlation. A lack of checkpoint restart and network security alarm features lower the product's administration scores.

Sun keeps pace with other vendors in...

...is the scalability, not only in terms of managed nodes, but also its ability to track data and trigger events," says Gene Diveglia, vice president of information services at Intelligence Network Online. "We provide mission-critical support services, and Sun allows us to do that."

Search report

security **filtering** , host-and **network** -level **intrusion detection tracking** and reconnaissance. DefendNet markets its service through small ISPs.

* RIPTech Technologies' Esentry software has its...

...firewall and intrusion detection tools; Esentry helps correlate the data. The company's operations center **analyzes** each **event** from its **sensors** . RIPTech remotely manages the security infrastructure and recommends how to respond to events.

* Counterpane takes...

...Counterpane, says the company installs the sensors on its customers' sites and then watches and **responds** to **alarms** . Counterpane charges about \$12,000 per month.

--Kelly Jackson Higgins

Kelly Jackson Higgins is a...

10/3,K/9 (Item 3 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2001 Resp. DB Svcs. All rts. reserv.

01151931 02311210 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Hammering Out a Secure Framework

(Tying enterprise systems management to security management will be crucial as security frameworks evolve)

Article Author(s): Fratto, Mike

Network Computing, v 11, n 1, p 79-80,82+

January 24, 2000

DOCUMENT TYPE: Journal ISSN: 1046-4468 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3824

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...security viewpoint, including policies, applications and vulnerabilities. Frameworks will also aggregate data, perform event correlation, **handle** routine events and **alert** administrators to events requiring immediate attention. Article describes security frameworks' evolution. ...

TEXT:

...brought the idea of vulnerability scanning into the mainstream--and with it the need for **intrusion detection** . **Intrusion -detection** systems (IDS), content- and URL-**filtering** servers, **network** virus scanners and vulnerability scanners augment network security by examining data that's passed through...

...of one security threat. For example, numerous point products have appeared to block access to **networks** , **scan** for **viruses** , **filter** **unauthorized** Internet access via e-mail or HTTP, track **network** usage and scan for vulnerabilities and ongoing attacks. With numerous point products to install, manage...

...security perspective, including applications, policies and vulnerabilities. Frameworks also should aggregate data, perform event

Search report

to generate meaningful trend analysis, giving a complete view of the security...

... have been developed 'in-house', such as for on-line banking. Security Advisor enables the **security** team to **monitor** the whole **network**, with information fed back in a standard format, giving a holistic overview of the security infrastructure.

About Security Advisor 2.0

- * Total **cross** -platform **security** **monitoring** supporting operating systems, firewalls, intrusion detection systems, authentication servers and other security related functionality

- * Centralises...

...attacks and probes against firewalls and changes to firewall rules


- * Support for site specific operator **response** to **alerts**

- * Monitors access to Microsoft Windows NT through Event Viewer API and UNIX through system logs...

... common framework for security applications/platforms the alerting and reporting capabilities are greatly enhanced. Security **Advisor**, **Advisor Technologies'** flagship software **solution** enables a security team to monitor how well a security policy has been implemented across...

?show files;ds

S16 98 S14 NOT S15
S17 52 RD S16 (unique items)
?t17/3,k/all

17/3,K/1 (Item 1 from file: 9)
DIALOG(R) File 9:Business & Industry(R)
(c) 2001 Resp. DB Svcs. All rts. reserv. 

02077959 (USE FORMAT 7 OR 9 FOR FULLTEXT)

ISS Unveils Version 5.0 Of Internet Scanner Software

(Internet Security Systems' Internet Scanner 5.0 now features a range of unique security reporting capabilities, performance enhancements, and a significant number of new Windows NT and Unix vulnerability checks)

Newsbytes News Network, p N/A

February 26, 1998

DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 652

ABSTRACT:

...security vulnerabilities to scan a network and identify security holes automatically. In addition to identifying **security** weaknesses quickly, Internet Scanner is claimed to **respond** with detailed, easy-to-understand corrective actions and automatic prioritization of security risks. Key to the package is what officials describe as a dynamic **database** of **security vulnerability checks** that ISS has built up over several years to give users the most reliable means possible of **detecting** their **network security** holes. Using Internet **Scanner**, the company claims that organizations can quickly and easily generate numerous and varied reports -- including...

17/3,K/2 (Item 1 from file: 13)
DIALOG(R) File 13:BAMP
(c) 2001 Resp. DB Svcs. All rts. reserv.

01151931 02311210 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Hammering Out a Secure Framework

(Tying enterprise systems management to security management will be crucial as security frameworks evolve)

Article Author(s): Fratto, Mike

Network Computing, v 11, n 1, p 79-80, 82+

January 24, 2000

DOCUMENT TYPE: Journal ISSN: 1046-4468 (United States)


LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3824

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...big thing. But that's only after someone spends lots of time writing the rule **base** to correlate **events** from multiple sources. Reporting, historical **analysis** and automated **response** all benefit from **event** correlation. **Event** correlation for **network security** is no different--rules need to be developed to **identify security events** correctly while ignoring innocuous events. The mainstay of any security system is its reporting and...

17/3,K/3 (Item 2 from file: 13)
DIALOG(R) File 13:BAMP
(c) 2001 Resp. DB Svcs. All rts. reserv. 

01123400 01999440 (USE FORMAT 7 OR 9 FOR FULLTEXT)

CyberCop Patrols On Linux

(Evaluator says Network Associates' CyberCop Scanner 2.5 Linux Version has

as one of its strengths, extensive vulnerability-checks database)
Article Author(s): Levine, Diane E
Information Week, p 116
May 24, 1999
DOCUMENT TYPE: Journal ISSN: 8750-6874 (United States)
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 737

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...first commercially available Linux network scanner.

CyberCop Scanner 2.5 scans and audits an entire **network** or individual hosts to verify and report on **network** and system security vulnerabilities before they become problems. CyberCop tests for more than 540 vulnerabilities and provides summaries, detailed reports, and advice. **Network Associates** provides monthly engine, **resolution**, and **vulnerability database** updates via its AutoUpdate technology. Because **intrusion attacks** sometimes evade **network intrusion -detection sensors**, host **monitoring** with CyberCop provides information on events and system behaviors, compares these against a rules database, and **identifies** possible **intrusion** attempts.

Installation of CyberCop requires no special training. A novice security or auditing person can...

...the CyberCop Intrusion Protection Suite

Strengths

- * Scans and audits entire networks and hosts for system **security** vulnerabilities
- * Extensive **vulnerability -checks database**
- * Provides possible **resolution** for vulnerabilities

Weaknesses

- * Skip Currently Running Module button on the toolbar may not stop all...

17/3,K/4 (Item 3 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2001 Resp. DB Svcs. All rts. reserv.

01108603 01793101

Safeguarding Data With WORM: Technologies, Processes, Legalities, And Standards

(Article discusses Write-Once-Read-Many (WORM) technology as ideal storage solution, according to several firms)

Article Author(s): Peebles, Mike
Computer Technology Review, v XVIII, n 12, p 50,52
December 1998
DOCUMENT TYPE: Journal ISSN: 0278-9647 (United States)
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

The article discusses the Write-Once-Read-Many (**WORM**) technology as ideal storage **solution**. **WORM** addresses the needs of many firms perfectly from a technological point of view. Yet, unless...

...more questions, they have achieved only the illusion of data security. In managing and safeguarding **computer** -based information, firms worldwide must implement the two fundamental requirement for data security, which include...

00567290 **Image available**

**TELECOMMUNICATIONS NETWORK MANAGEMENT OBSERVATION AND RESPONSE SYSTEM
SYSTEME D'OBSERVATION ET DE REPONSE POUR GESTION DE RESEAU DE
TELECOMMUNICATIONS**

Patent Applicant/Assignee:

COHERENT COMMUNICATIONS SYSTEMS CORP, COHERENT COMMUNICATIONS SYSTEMS
CORP. , 45085 University Drive, Ashburn, VA 20147 , US

Inventor(s):

HERSHEY Paul C, HERSHEY, Paul, C. , 7523 Belle Grae Drive, Manassas, VA
22110 , US

STOLTZFUS Jeffrey L, STOLTZFUS, Jeffrey, L. , 7424 Paxton Road, Falls
Church, VA 22043 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9812828 A1 19980326

Application: WO 97US15531 19970904 (PCT/WO US9715531)

Priority Application: US 96714865 19960917

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN

MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

GH KE LS MW SD SZ UG ZW AM AZ BY KG-KZ MD RU TJ TM AT BE CH DE DK ES FI

FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 3417

Fulltext Availability:

Detailed Description

Detailed Description

... management protocol software to provide for real time processing of
the desired information.

The network **probe** is programmed to **monitor** a number of network
functions and conditions including configurations, faults, performance,
accounting, and **security** . Network configuration includes such
parameters as network signaling and VTL5 mapping for SONET. Network
fault...

5/3,K/18 (Item 15 from file: 349)

DIALOG(R) File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00331444

INFRARED INTRUSION SENSOR

CAPTEUR INFRAROUGE ANTI-INTRUSION

Patent Applicant/Assignee:

THE COMMONWEALTH OF AUSTRALIA

LIDDIARD Kevin Charles

RICE Brian William

WATSON Rodney James

Inventor(s):

LIDDIARD Kevin Charles

RICE Brian William

WATSON Rodney James

Patent and Priority Information (Country, Number, Date):

Patent: WO 9318492 A1 19930916

Application: WO 93AU93 19930308 (PCT/WO AU9300093)

Priority Application: AU 921228 19920309

Search report

Designated States: AT AU BB BG BR CA CH CZ DE DK ES FI GB HU JP KP KR LK LU
MG MN MW NL NO PT RO RU SD SE SK UA US AT BE CH DE DK ES FR GB GR IE IT
LU MC NL PT SE CF CG CI CM GA GN ML MR SN TD TG
Publication Language: English
Fulltext Word Count: 5647
Fulltext Availability:
Detailed Description

Detailed Description
... a commercially available personal computer.

Alternatively, the sensors may be integrated with an existing remote
surveillance or **security sensor** system.

In preference the **network** control means comprises a computer and
network controller. The network controller interfaces between the
plurality of infrared **intrusion sensors** and a serial port of the
computer. In this arrangement the computer may also comprise...

5/3,K/19 (Item 16 from file: 349)
DIALOG(R) File 349:PCT Fulltext
(c) 2001 WIPO/MicroPat. All rts. reserv.

00303463

INTELLIGENT SECURITY SYSTEM
SYSTEME DE SECURITE INTELLIGENT

Patent Applicant/Assignee:
INTERAMERICAN INDUSTRIAL COMPANY

Inventor(s):
ANDREWS George F

Patent and Priority Information (Country, Number, Date):

Patent: WO 9213326 A1 19920806
Application: WO 91US5700 19910809 (PCT/WO US9105700)
Priority Application: US 91643455 19910118

Designated States: AT AU BE CA CH DE DK ES FR GB GR IT LU NL SE
Publication Language: English
Fulltext Word Count: 3418

Fulltext Availability:
Claims

Claim
... throughout the several views of the drawings.

t~
DETAILED DESCRIPTION
A preferred embodiment for the intelligent **security** system of this
invention is depicted in block diagram form in the view of Fig. 1. As
shown in that figure, the system comprises a **scanner** means to **detect**
the presence of a predetermined object (not shown) and to transmit an
encoded M...

?

02689882/9

DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

02689882 Supplier Number: 45454663 (THIS IS THE FULLTEXT)

HANDLING A DEVIL OF A NETWORK PROBLEM

Network Management Systems & Strategies, v7, n7, pN/A

April 4, 1995

ISSN: 1043-1217

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 588

TEXT:

Humans have a genius for making something bad out of something good. A classic case is atomic energy. Its potential for helping mankind was recognized instantly. But its first major uses were destructive.

That phenomenon has recently appeared in the computer industry. Many information systems managers around the world have just added a tool for analyzing the security status of corporate networks. Unfortunately, the tool -- in the wrong hands -- can also be used to breach a network's defenses.

The tool is known as "SATAN," an acronym for Security Administrator Tool for Analyzing Networks. Designed to report security weaknesses in a networked computer site, the tool can mimic a computer intruder and find ways to "break into" highly confidential computer files. Used by ethical individuals SATAN can help a company determine how safe its confidential files are against intruders. But unethical hackers can use it to infiltrate a computer system, find security weaknesses and use or alter confidential data for fun, profit or malicious intent.

According to Robert A. Clyde, a network security expert with AXENT Technologies (Rockville, Md.), corporations can protect themselves from a "malicious security breach."

Clyde said there are steps that can be taken short-term and long-term to protect against unauthorized access to secure information. Since AXENT is a network security vendor, its opinions about SATAN should be kept in perspective. Nevertheless, he does offer the following common sense suggestions:

- * Installing SATAN may not be way to protect information. "In fact, that cure may be worse than the disease," Clyde said. Products such as SATAN can be damaging in networked environments if installed and used by non-security experts. Most security products provide recourse from improper use; SATAN does not.

- * It is not necessary to use SATAN in order to protect against it, Clyde said. There are other commercially available products on the market that can detect the same security vulnerabilities.

- * Ensure that the latest security patches and upgrades to operating system are loaded. Implement enhanced access controls on Unix systems to limit and restrict network access.

- * Implement an intrusion detection system. Alarms exist for networks to warn if someone is violating policy and breaking in. An intrusion detection system acts like an automated sprinkler system to detect and stop an outsider from breaking in.

- * Know SATAN's limitations before it is loaded on the network. Though SATAN could be a useful tool to discover potential security vulnerabilities it is not a complete security solution and running SATAN doesn't necessarily mean that data is secured.

- * Do not run SATAN if a network is connected to someone else's system. Since SATAN actively "probes" or attacks other systems in the network for security vulnerabilities, security administrators may find themselves in the awkward position of explaining to the owners of other systems why they are attempting to break into those systems. SATAN has no way of knowing which specific systems a particular security administrator covers or which systems in the network a particular company owns.

Over the long term, Clyde suggests: developing security policies immediately; defining the security policies; tracking adherence to established policies; and implementing an automated centrally managed solution based on security policies.

An automated solution, Clyde said, should be capable of running only

authorized multiple platforms and network protocols. Unlike SATAN, only authorized personnel should have access to tools to look at systems for which it was specifically authorized.

AXENT's main focus is providing enterprise-class information security software and professional services for PCs, PC/LANs, Unix workstations and servers, mid-range computers, and mainframes.

Copyright 1995 DataTrends Publications, Inc.

THIS IS THE FULL TEXT: COPYRIGHT 1995 DataTrends Publications, Inc.

Subscription: \$445 per year as of 1/92. Published biweekly. Contact DataTrends Publications, Inc., 30 Catocin Circle, S.E., Suite C Leeburg, Virginia 22075. (703) 760-0660. FAX (703) 760-9365.

COPYRIGHT 1999 Gale Group

PUBLISHER NAME: DataTrends Publications, Inc.

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

00262507 91DB12-004

The Reference Expert: a computerized database utilizing INMAGIC and a worm drive

19911201

?t15/7/2-7,11-12,23-27

15/7/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

04301787 INSPEC Abstract Number: C9301-6150J-034

Title: A rule-based intrusion detection system

Author(s): Holden, D.

Author Affiliation: Digital Equipment Corp., Merrimack, NH, USA

Journal: IFIP Transactions A (Computer Science and Technology)

vol.A-15 p.433-40

Publication Date: 1992 Country of Publication: Netherlands

CODEN: ITATEC ISSN: 0926-5473

Conference Title: IFIP TC11 Eighth International Conference on Information Security, IFIP/Sec '92

Conference Date: 27-29 May 1992 Conference Location: Singapore

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: The nature of the information produced by typical operating system audit subsystems makes analysis and interpretation of audit logs difficult. Keeping up with the audit stream in real time is infeasible unless the process is automated. The author describes an on-going project to develop real-time **security monitoring** and analysis applications that performs rule-based analysis of the output of the audit subsystem to recognize and **respond** to security-relevant activity such as system **intrusion**. The prototype application **monitors** the audit-record stream generated at the syscall level and recognizes higher level, security-relevant actions. Related actions are identified and grouped into sets representing a stream of logically connected **events**. A rule **base analyzes** the sets of **events** and generates **responses** in near real-time. The system detects actions which may be attempts to subvert the security policy of an installation, and collects auxiliary information necessary for making decisions. The monitoring application communicates significant activity to system management and can take immediate countermeasures. The author describes the architecture and control mechanisms being developed and provides an example of the functionality recently implemented in a VMS product to **detect** system **intrusions**. (5

Refs)

Subfile: C

15/7/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03684222 INSPEC Abstract Number: A90104353

Title: A systematic approach to recurring event/problem determination

Author(s): Futrell, R.C.

Author Affiliation: Duke Power Co., Charlotte, NC, USA

Journal: Transactions of the American Nuclear Society vol.61 p. 295-6

Publication Date: 1990 Country of Publication: USA

CODEN: TANSOA ISSN: 0003-018X


Conference Title: 1990 Annual Meeting of the American Nuclear Society (papers in summary form only received)

Conference Date: 10-14 June 1990 Conference Location: Nashville, TN, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: A lot can be accomplished in the data centre to improve availability by dramatically reducing human intervention and error. AWT has made significant advances towards full automation by combining a range of vendor automation tools with our own expert systems. Using experts in their particular fields, a **knowledge base** has been established to expertly **respond** to system **events**. As a result we have reduced our costs and our problems and opened up new career paths for our operators. Application availability has increased and our mainframe and mid-range hardware environments are monitored and managed remotely and automatically. Our problems are logged and escalated automatically, with support staff being beeped without human intervention based on pre-set escalation guidelines. The building environments and **security** will also be **monitored** automatically. We have come a long way. We have come out of the dark, with automation lighting the way to improved services and reduced cost. (Author abstract) 2 Refs.

15/7/23 (Item 1 from file: 202)
DIALOG(R) File 202:Information Science Abs.
(c) Information Today, Inc. All rts. reserv. 

00204832 9604832
ISA Document Number in Printed Publication: 9604478
Networked **reproduction apparatus with security feature**.
Document Type: Patent
Author (Affiliation): Matias, L.A.
Patent Assignee(s): Eastman Kodak Co.
Patent Number(s): US 5528374
Publication Language(s): English
Source: Jun 18, 1996

An electronic/copier printer apparatus includes a scanner for scanning original documents representing a copy from a first source of image information and printer input means for receiving electrical signals representing electronic information of a production job from a second source of information. A marking engine prints production jobs. The marking engine means includes means for communicating with the scanner and the printer input means. A memory forms a part of the marking engine and stores electrical signals representing production jobs from the first and second sources. The marketing engine includes a **security** mode wherein in **response** to a loss of communication with one of the scanner and the printer input means while communication remains with the other there is selectively prevented production of production jobs stored in said memory means and derived from the one to which communication is lost while selectively printing production jobs from the other to which communication remains. A **network** is also described wherein one or more input devices is coupled to one or more marking engines and a similar security mode is provided. That is, loss of communication between a marking engine and a front end device precludes printing of **information** already **stored** in the marking engine and derived from the source to which communication is lost.

15/7/24 (Item 1 from file: 233)
DIALOG(R) File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00552952 99SU11-005
What you need to know about NAS
Williams, Tim; Smith, Sue
Storage Management Solutions , November 1, 1999 , v4 n5 p22-24, 3
Page(s)
ISSN: 1097-5152

Discusses factors driving end user demand for **network** attached storage (NAS) and for a new generation of storage appliances. Describes the cost benefit to information technology (IT), the administrative convenience, and **network** -based UNIX and Microsoft NT integration. Claims that new NAS

appliances will **handle** file **security** and integrity, the semantics of UNIX and NT file systems, and various file attributes. Adds that NAS appliances must be able to support various file locking requirements. Notes that security features are crucial and the devices must unify UNIX and NT **security** semantics by managing **identifiers**, access rights, and descriptors. Explains that the ability to store UNIX and NT data on a single device is supported by SMB/CIFS protocols for NT and NFS for UNIX. Includes one photo. (amg)

15/7/25 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.



00546732 99IX09-001

Life after IDS -- You spent months evaluating, testing, purchasing and deploying your intrusion detection system. Now the fun really begins

Schneider, Sondra; Schetina, Erik; Stahl, Donald; Maes, Vincent

Information Security, September 1, 1999, v2 n9 p18-25, 28-29, 8
Page(s)

ISSN: 1096-8903

Presents a special section on **intrusion detection**, including the article "Life After IDS" (p18-25) by Sondra Schneider et al. which indicates the need to have resources that can customize, monitor, react to, and make corrections to **intrusion detection** systems (IDSs). Notes that the basic types of IDS sensors are **network**-based, which act like super sniffers, and host-based, which depend on the OS's logs to **detect events**.

States that to **monitor** one's systems effectively, one needs to prepare in the areas of **IDS monitoring** and **response**, **incident handling**, forensic analysis and data retention, and reporting. Also includes "How I Chose an IDS" (p28-29) by Vincent Maes, which chronicles the steps the author took in choosing RealSecure from ISS, which offers the most attach signatures, provides a strong R&D support base, and maintains a searchable **database** of **vulnerabilities**. Includes two photos, two tables, two sidebars, one screen display, and a list of related products. (jon)

15/7/26 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00474981 97PK10-202

Intel revamps LDMS management suite

Musich, Paula

PC WEEK, October 20, 1997, v14 n44 p1, 18, 2 Page(s)

ISSN: 0740-1604

Company Name: Intel Corp.

Product Name: LANDesk Management Suite 6.0

Announces the availability of LANDesk Management Suite 6.0 (\$NA), a systems management software package from Intel Corp. of Santa Clara, CA. Says it uses Windows NT as the foundation for its core management server and provides users with the option of using any Open Database Connectivity (ODBC)-compliant database to store inventory and management data. Adds that it manages both 16- and 32-bit desktops and handles software distribution, metering, and inventory as well as diagnostics, remote control, server-based **event handling**, **server monitoring**, and integrated reporting. Also says it supports a mixed environment of NetWare, Window NT, Mac OS, and OS/2 servers and clients. Includes a chart. (dpm)

15/7/27 (Item 4 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00463407 97ID06-001

Avoiding computer viruses

networks . It supports Windows and Windows 95 and provides on-**screen event** notification. The price is \$65.

MERGENT INTERNATIONAL PC/DACS AND DOMAIN/DACS FOR DOS AND...SOFTWARE
METZ LOCK

Metz Lock is access control software for LAN Manager and Windows NT **networks** . It supports Windows and provides on-**screen event** notification. The price is \$39.

MILKYWAY **NETWORKS** BLACK HOLE

Black Hole is access control, encryption, and firewall software. It supports Unix and...

...OCTOPUS 1.6

Octopus 1.6 is server and disaster recovery software for Windows NT **networks** . It supports Windows NT and provides on-**screen event** notification. The price is \$999.

ONTRACK DATA RECOVERY ONTRACK NETSHIELD

Ontrack NetShield is antivirus hardware for NetWare 3.x and NetWare 4.x **networks** . It supports DOS, Windows, and OS/2 and provides on-**screen** and fax **event** notification.

PARALON PATHKEY AND PATHKEY/DOMAIN SERIES

The PathKey and PathKey/Domain Series is access...

...access control, and encryption software for NetWare 3.x, NetWare 4.x, and Windows NT **networks** . It supports DOS, Windows, and Windows NT and provides on-**screen event** notification. The price is \$149.95.

PLATINUM TECHNOLOGY PLATINUM AUTOSECURE

Platinum AutoSecure is security management software for HP-UX, AIX, Solaris, and SunOS **networks** . It supports Motif and provides on-**screen event** notification. Prices start at \$50 for client components and \$1,000 for server components.

PREFERRED...

...SAFEDIAL

SafeDial is encryption hardware for NetWare 3.x, NetWare 4.x, and Windows NT **networks** . It supports Windows and Windows NT and provides on-**screen event** notification. The price is \$995.

RAPTOR SYSTEMS EAGLE LAN , EAGLE REMOTE, AND EAGLE 3.X

Eagle LAN, Eagle Remote, and Eagle 3,x are...

10/3,K/24 (Item 7 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

01932916 SUPPLIER NUMBER: 18220942 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Moving on to the Net? Think about your route. (approaches for creating firewalls) (includes related articles on Unix systems security, glossary of firewall terms, security product listing) (Technology Information)

Gilliland, Steve

Data Based Advisor, v14, n5, p60(6)

May, 1996

ISSN: 0740-5200

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4074

LINE COUNT: 00336

... 615-9911, (404)843-9111 Fax: (404) 843-9700 <http://www.tlogic.com>

Kane Security Analyst for Novell and NT Intrusion Detection ,
Inc. New York New York 10028 800-408-6104, (212) 360-6104 Fax: (212) 427...

...Security Tools, then on System Monitoring. Merlin is listed here.

* The Carnegie Mellon Computer Emergency Response Team (CERT) issues

Search report

advisories that described security holes in popular products and systems, prescribes patches, and offers a set...to block or filter some or all of the traffic trying to pass between the **networks**.

Intrusion detection : Detection of break-ins or break-in attempts either manually, or via software expert systems that...
...be caused to perform unauthorized activity, resulting in a security breach.

Logging: The process of **storing information** about events that occurred on the firewall or network.

Log retention: How long audit logs...

10/3,K/25 (Item 8 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

01708295 SUPPLIER NUMBER: 16170863 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Network management. (Annual Buyers' Guide) (Buyers Guide)

LAN Magazine, v9, n11, p185(45)

Oct 15, 1994

DOCUMENT TYPE: Buyers Guide ISSN: 0898-0012 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 17405 LINE COUNT: 01525

... Manager, LAN Server, VINES, Windows NT, and NFS. Call-tracking, problem-resolution, and third-party **knowledge -base** features are supported. Pricing starts at \$50,000 for a 10-user server system.

ANSWERSET...

...clients. Call-tracking, trouble-ticketing, problem-routing, inventory management, suggested-solutions, reporting, historical-log, and **knowledge -base** features are supported. Prices start at \$995.

AUTOMATED PROGRAMMING TECHNOLOGIES APT MIRROR IMAGE

APT Mirror...

...ticketing, problem-routing, inventory management, suggested-solutions, reporting, historical-log, problem-resolution trees, and optional **knowledge -base** features are supported.

BLUE LANCE LT HELPDESK

LT HelpDesk runs on NetWare 3.x for...

...platforms for DOS and Windows clients. Call-tracking, trouble-ticketing, problem-routing, inventory management, suggested-solutions, reporting, historical-log, automatic-notification, automatic escalation, and service-level agreement features are supported. The price is \$16,500 for a

...Utilities for Networks--LAN Directory provides details about the hardware and software on LANs and **stores detailed information** on all network components. Computer managers can track PCs and Macs, including standalone machines, file...hubs/repeaters, bridges/switches, and routers on NetWare 3.x, LAN Manager, and LAN Server **networks**. It has a Windows interface and supports SNMP. On-screen **event** -notification and topology-mapping, traffic-monitoring, protocol-analysis, configuration, fault management, and usage-monitoring functions...an X Window interface and supports SNMP and RMON. On-screen, e-mail, and pager **event** -notification, and traffic **monitoring**, protocol-anaylsis, configuration, fault management, usage-monitoring, accounting, automatic **network** -baselining, and global network-applications functions are provided. RMON base manager software costs \$4,000...Topology-mapping, traffic monitoring, protocol-analysis, configuration, fault management, and usage-monitoring function, and on-screen and pager **event** -notification are provided.

an enhancement to the SNMP standard defined by the Internet Engineering Task Force...

...Hermes. This product will initially include hardware and software inventory tracking, automated software distribution including **virus detection**, remote control, and troubleshooting, and management of **networked** applications. While both the Norton Administrator for Networks and Hermes will support DMI, the Microsoft...PCs, including Macintosh), client PC monitoring, server monitoring, network monitoring, application metering, electronic software distribution, **network** mapping, alert notification, printer and queue management, **virus detection**, storage management, asset management, and automatic task scheduling.

Technology overview

Irrespective of the specific network...desktop management function with application monitor and a comprehensive server monitor module with very good **alert -handling** features.

LANDesk Manager comes with impressive documentation and an excellent user interface. The Control Panel...

...LANLord and Saber LAN Workstation are excellent for workstation management. LANLord excels in workstation trap (**alarm**) **handling** and management, large network support and multiple NOS support. But LANLord lacks server management capability...

...and Frye Utilities for Networks provide the best threshold setting and alarm features. Frye's **alarm notification** and **response** option is the most flexible.

XTree Tools for Networks, VisiNet and LANLord receive low management

...

...options and excellent management applications and functions. Particularly strong are the threshold set-up and **alarm notification** and **response**. But it lacks Windows support and network monitoring/protocol analysis support, and there is limited.

...and workstation management options and report generation and output are limited, and there is no **alert notification** and **response** capability.

However, it does have a protocol decode feature, superior auto discovery and topology mapping...

...affected BindView NCS's error handling score.

All the management products performed well in the **event tracking evaluation**. Alerts and configuration changes were correctly identified by all the programs.

Ease of learning

All...management function with an application monitor, and an effective server monitor module with very good **alert -handling** features. The Control Panel in LANDesk Manager's user interface is amongst the best of...installing new applications, installation and distribution of operating system software, and software upgrades on a **network**.

VIRUS PROTECTION

A **virus scan** /protect program enables centrally managed virus protection for **network** file servers and client workstations (DOS, Windows, Mac, OS/2 etc.). Virus protection should be...

...define the methods of collecting and exchanging management information. Other specification modules include the Management **Information Base** (MIB) and Directory Services.

In an attempt to define a network management standard, the Internet

...

Search report

OneView runs on DOS and Unix with a graphical interface. SNMP is supported. It provides a hierarchical **network** map, on-screen **event** -notification, and a MIB compiler. Approximately 60 third-party applications are available. Prices start at...

...6000

CMS 6000 runs on Unix with an X Window interface. It offers a hierarchical **network** map, on-screen **event** -notification, and a MIB compiler. It supports SNMP and RMON, and it costs \$15,000...

...AMERICA SNMPC

SNMPC runs on Windows and supports SNMP and RMON. It provides a hierarchical **network** map, on-screen **event** -notification, and a MIB compiler. Ten third-party applications are available. It costs \$4,649...

...NMS

Direct Route NMS runs on Windows and supports SNMP management. It provides a hierarchical **network** map, Microsoft SQL Server relational database, on-screen **event** -notification, and a MIB compiler. It sells for \$499.

THOMAS-CONRAD SECTRA FOR WINDOWS

Sectra for Windows supports SNMP management protocols. It provides a hierarchical **network** map, on-screen **event** -notification, and a MIB compiler. It is priced at under \$1,500.

TRELLIS NETWORK SERVICES...

...and supports SNMP and NMVT. It provides a gateway to IBM NetView functions and on-screen **event** -notification.

CIRCUIT MASTERS STAYUP

StayUp supports NetWare **networks**. It automatically maintains network connections. When the connection to the file server is lost, StayUp ...

...NetBIOS, NetWare 3.x and 4.x, LAN Manager, LAN Server, VINES, and Windows NT **networks**. It has a Windows interface. Batch processing functions and on-screen and e-mail **event** -notification are provided. It costs \$1,495 per batch processor.

PROTOCOL ANALYZERS

AG GROUP ETHERPEEK...

10/3,K/26 (Item 9 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

01688514 SUPPLIER NUMBER: 15519041 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Network management systems. (introduction to network management market and requirements and review of nine network management tools) (Software Review) (PC User NSTL Lab Test) (Evaluation)
PC User, n234, p90(15)
May 4, 1994

DOCUMENT TYPE: Evaluation ISSN: 0263-5720 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 7497 LINE COUNT: 00656

... management function with an application monitor, and an effective server monitor module with very good **alert -handling** features. The Control Panel in LANdesk Manager's user interface is amongst the best of... main management standards (SNMP and CMIP) or defining new management extensions.

The remote monitoring management **information base** (RMON MIB) --

Search report

...it also archives data to permit trend analysis.

RMON MIB

The Remote Network Monitoring Management Information Base (RMON MIB) defines network monitoring functions with more rigorous fault diagnosis, performance tuning and comprehensive...

10/3,K/27 (Item 10 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

01579757 SUPPLIER NUMBER: 13050629 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Networkx, Remedy square off. (Networkx Inc.'s Paradigm, Remedy Corp.'s Health Profiler network management packages) (Product Announcement)

LAN Magazine, v8, n1, p16(2)

Jan, 1993

DOCUMENT TYPE: Product Announcement ISSN: 0898-0012 LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 484 LINE COUNT: 00040

...ABSTRACT: as IBM's NetView/6000 and HP's OpenView; it combines real-time inventory updating, **incidents tracking** and performance **analysis**. Paradigm uses trouble tickets to monitor **network** problem-solving projects. If a network device fails, Paradigm issues a report, tracks the progress of diagnosis and repairs and informs affected users when the problem is **solved**. Paradigm **stores** devices' performance histories in cross-referenced tables. Remedy's Health Profiler features libraries of vendor...

... IBM's NetView/6000 platforms. This trouble-ticketing application integrates real-time inventory updates, performance **analysis**, and **incidents tracking**. Like Remedy's Action Request System, Paradigm uses trouble tickets to track the workflow of...

...problems-from a report by a device or a user, through analysis and repair, to **resolution**, including **notification** of the affected users. Its architecture enables network managers to automate network management tasks, says...

10/3,K/28 (Item 1 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

04965540 Supplier Number: 73542517 (USE FORMAT 7 FOR FULLTEXT)

Advisor Technologies launches integrated solution for security infrastructure; Centralised monitoring of security systems enables more reliable detection of threats.

M2 Presswire, pNA

April 23, 2001

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 753

(USE FORMAT 7 FOR FULLTEXT)

Advisor Technologies launches integrated solution for security infrastructure; Centralised monitoring of security systems enables more reliable detection of threats.

TEXT:

M2 PRESSWIRE-23 April 2001-**Advisor Technologies: Advisor Technologies**

launches integrated **solution** for security infrastructure; Centralised monitoring of security systems enables more reliable detection of threats (C...

... administrators.

Security Advisor monitors security applications around the clock, storing event logs in a central **repository**. Log **information** can be used to generate meaningful trend analysis, giving a complete view of the security such as for on-line banking. Security Advisor enables the **security** team to **monitor** the whole **network**, with information fed back in a standard format, giving a holistic overview of the security infrastructure.

About Security Advisor 2.0

- * Total **cross** -platform **security** : **monitoring** supporting operating systems, firewalls, intrusion detection systems, authentication servers and other security related functionality

- * Centralises...attacks and probes against firewalls and changes to firewall rules

- * Support for site specific operator **response** to **alerts**

- * Monitors access to Microsoft Windows NT through Event Viewer API and UNIX through system logs...

...common framework for security applications/platforms the alerting and reporting capabilities are greatly enhanced. Security **Advisor**, **Advisor** Technologies' flagship software **solution** enables a security team to monitor how well a security policy has been implemented across...

10/3,K/29 (Item 1 from file: 484)

DIALOG(R) File 484: Periodical Abstracts Plustext

(c) 2001 Bell & Howell. All rts. reserv.

04751381 SUPPLIER NUMBER: 53853115 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Electronic commerce commands canny insight into hacker moves

Robinson, Clarence A Jr

Signal (FSIG), v54 n9, p53-56, p.4

May 2000

ISSN: 0037-4938 JOURNAL CODE: FSIG

DOCUMENT TYPE: Feature

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2373

TEXT:

... commercial products obtained from information security vendors. These products perform security incident responses, penetration testing, **network** threat identification, assessment, **intrusion detection** and **analysis**. "It is possible to protect information systems and associated business assets. To do so requires...and the cost involved. This process has been refined and relates to Para-Protects extensive **database** of identified **vulnerabilities**, which have been built up with experience and can change almost hourly. Product companies are...

...and altered Lloyd's Web site, which momentarily disappeared from the Internet. The appropriate incident **response** team in London was **notified**

When Lloyd's restored the original Web page, it soon became obvious that not ...sized businesses with an Internet security solution that contains a firewall, operations monitoring and incident **response**. Other packages include Para-**Alarm**, a 24-hour, seven-day-a-week firewall monitoring service that detects and reacts to...

Search report

Tertiary Functions:
Modeling and Simulation * Simulation packages and modeling software
Infrastructure Design. Advanced cable...
Storage/Backup * Backup/restoration software
 * Tape storage
 * Tape management system
Baseline Security * Application-specific control
 * Virus -detection software
Secondary Functions:
End User Device Management * Education/documentation
 * Network Operating System utilities
 * Spare parts
 * Diagnostic software utilities
Performance Monitoring * Performance monitoring software
Inventory * Inventory...specific and third-party diagnostic utilities (such as Symantec's Norton Utilities) can provide diagnostic **information** on the **storage** media, file structure and system file corruption. * Performance Monitoring and Inventory: Performance monitoring includes probing...

...and accesses, storage space, CPU utilization) and the use of central applications (such as a **database**). The **information** can be used to increase the LAN efficiency and pinpoint potential problems - such as disk ...

...levels and to identify areas of improvement. Auditing involves evaluating the entire scope of the **LAN** and includes response time tests, **analyzing security** breaches, facility **checks** and usage monitoring. An audit should result in plans and procedures that improve the LAN...

10/3,K/36 (Item 1 from file: 20)
DIALOG(R)File 20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

16295601 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Advisor **Technologies:** Advisor **Technologies** launches integrated solution for security infrastructure; Centralised monitoring of security systems enables more reliable detection of threats
M2 PRESSWIRE
April 23, 2001
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 704

(USE FORMAT 7 OR 9 FOR FULLTEXT)
Advisor **Technologies:** Advisor **Technologies** launches integrated solution for security infrastructure; Centralised monitoring of security systems enables more reliable detection of threats

... administrators.
Security Advisor monitors security applications around the clock, storing event logs in a central **repository**. Log **information** can be used

Detailed Description
Claims
Fulltext Word Count: 10482

English Abstract

A method and system (500) for receiving data packet (505) in a virtual local area network (525).

French Abstract

L'invention concerne des procedes et un appareil comprenant des produits de programme informatique qui mettent en oeuvre et utilisent des techniques permettant de traiter un paquet de donnees dans un dispositif d'acheminement de paquets. Ledit dispositif recoit un paquet de donnees. Un processeur determine une destination de reseau local virtuel pour le paquet de donnees recu et identifie un ensemble de regles associe a cette destination, ces regles etant appliquees audit paquet de donnees. Lorsqu'on determine une destination de reseau local virtuel pour le paquet de donnees recu, ce paquet de donnees est emis en sortie vers ladite destination a l'aide du resultat de l'application des regles. Lorsqu'aucune destination n'a ete determinee, le paquet de donnees est elimine. L'invention concerne egalement un systeme de securite permettant de separer des ressources de systeme de securite en une pluralite de domaines de securite separes pouvant etre configures de facon a appliquer au moins une politique et a affecter des ressources de systeme de securite a au moins un domaine de securite.

Legal Status (Type, Date, Text)

Publication 20021010 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20030424 Late publication of international search report

Republication 20030424 A3 With international search report.

Fulltext Availability:

Detailed Description

Detailed Description

... can include a user interface for viewing and modifying a set of policies relating to a specific **subsystem**. The **security** system resources can include authentication services. The security system resources can **include** virtual private **network** (VPN) services. The security system resources can include traffic management services. The security system resources can include...

15/5,K/5 (Item 4 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00934945 **Image available**

A SECURITY SYSTEM WITH AN INTELLIGENT DMA CONTROLLER

SYSTEME DE SECURITE A CONTROLEUR D'ACCES DIRECT MEMOIRE INTELLIGENT

Patent Applicant/Assignee:

BRECIS COMMUNICATIONS CORPORATION, 2025 Gateway Place, Suite 132, San Jose, CA 95110, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

APOSTOL George Jr, 2331 De Varona Place, Santa Clara, CA 95050, US, US (Residence), US (Nationality), (Designated only for: US)
DINH Peter N, 5768 Blossom Ave., San Jose, CA 95123, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

AUYEUNG Aloysius T C (et al) (agent), Columbia IP Law Group, PC, Suite 820, 10260 SW Greenburg Road, Portland, OR 97223, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200269115 A2-A3 20020906 (WO 0269115)
Application: WO 2002US6384 20020228 (PCT/WO US0206384)
Priority Application: US 2001272439 20010228

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-001/24

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11064

English Abstract

A security subsystem is provided with at least a first security engine (106), a first set of registers (602, 604-608) and a control portion to perform a first security operation for each of a first number of data blocks of each of a first number of data segments of a first data object (116). In one embodiment, the security subsystem is provided with two security engines (106) and two sets of registers to respectively perform the first security operation and a second security operation for the first data object and a similarly constituted second data object (116). In one embodiment, the first and second security operations are DES (122a) and hashing operations. In one embodiment, the multi-method security subsystem is embodied in a multi-service system-on-chip.

French Abstract

La presente invention concerne un sous-système de securite muni d'au moins un premier moteur de securite, un premier ensemble de registres et une partie de commande pour effectuer une premiere operation de securite pour chacun d'un premier nombre de blocs de donnees d'un premier nombre de segments de donnees d'un premier objet de donnees. Dans un mode de realisation, le sous-système de securite est equipe de deux moteurs de securite et de deux ensembles de registres en vue d'effectuer respectivement la premiere operation de securite et une deuxieme operation de securite pour le premier objet de donnees et un deuxieme objet de donnees de structure similaire. Dans un mode de realisation, les premier et deuxieme operations de securite sont des operations de norme de chiffrement de donnees et de hachage. Dans un mode de realisation, le sous-système de securite a procedes multiples se presente sous la forme d'un systeme a services multiples realise sur puce. FIG. 1 : 102
PROCESSEUR DE COMMANDE 112 CACHE-I 114 CACHE-D 104 MEMOIRE 116 OBJETS DE DONNEES 118 DESCRIPTEURS 106 SOUS-SYSTEMES DE SECURITE 120 ACCES DIRECT MEMOIRE INTELLIGENT 122 MOTEURS DE SECURITE 108 AUTRES SOUS-SYSTEMES

Legal Status (Type, Date, Text)

Publication 20020906 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20021031 Late publication of international search report

Republication 20021031 A3 With international search report.

Republication 20021031 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20021219 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... wherein a block diagram illustrating an overview of a SOC 100 including control processor 102, memory 104, **security subsystem** 106 incorporated with the teachings of the present invention, and

other subsystems 108, in accordance with one embodiment, shown. As illustrated, for the embodiment, control processor 102, memory 104, **security subsystem** 106 and other subsystems 108 are coupled to each other via on chip bus II 0, and **communicate** with each other in accordance with a predetermined bus protocol. In one embodiment, the on-chip bus...

...security subsystem 106 includes intelligent DIVIA 120 of the present invention.

Resultantly, unless so desired, upon requested, **security subsystem** 106 may

4

service a security need of one of subsystems 108 substantially without further **interactions** with control processor 102 and the requesting subsystem 108, thereby improving the overall operational efficiency of SOC 100.

The terms "security service" and "security operation" are used interchangeably in the present application, depending on...

15/5,K/6 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00926001 **Image available**

METHOD AND APPARATUS FOR VERIFYING THE INTEGRITY OF COMPUTER NETWORKS AND IMPLEMENTATION OF COUNTER MEASURES
PROCEDE ET APPAREIL DE VERIFICATION DE L'INTEGRITE DES RESEAUX INFORMATIQUES ET MISE EN OEUVRE DE CONTREMESURES

Patent Applicant/Assignee:

SOLUTIONARY INC, 9420 Underwood Avenue, Omaha , NE 68114, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

HRABIK Michael, 9420 Underwood Avenue, Omaha, NE 68114, US, US
(Residence), US (Nationality), (Designated only for: US)
GUILFOYLE Jeffrey, 9420 Underwood Avenue, Omaha, NE 68114, US, US
(Residence), US (Nationality), (Designated only for: US)
BEAVER Edward Mac, 9420 Underwood Avenue, Omaha, NE 68114, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

ANGOTTI Donna L (agent), Schulte Roth & Zabel, LLP, 919 Third Avenue, New York, NY 10022, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200260117 A1 20020801 (WO 0260117)
Application: WO 2002US2218 20020124 (PCT/WO US0202218)
Priority Application: US 2001770525 20010125

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: H04L-009/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 3843

English Abstract

A method and apparatus for verifying the integrity of devices on a target network (100) having two components: a subsystem (50) connected to the target network (100), and a master system (60), isolated therefrom by a secure lin (52). The topological and hierarchical relationship of the devices to each other improves stability of the apparatus. Random testing

of the subsystem (50) by the master system (60) provide verification and independent self-checking.

French Abstract

La presente invention concerne un procede et un appareil de verification de l'integrite de dispositifs sur un reseau cible (100) possedant deux composants : un sous-systeme (50) connecte au reseau cible (100) et un systeme principal (60), isole par une liaison sure (52). La relation topologique et hierarchique desdits dispositifs les uns par rapport aux autres ameliore la stabilite de l'appareil. Le test aleatoire du sous-systeme (50) par le systeme principal (60) permet la verification et l'auto-contrôle independant.

Legal Status (Type, Date, Text)

Publication 20020801 A1 With international search report.

Publication 20020801 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20021227 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description
Claims

Detailed Description

... is provided a network security system to prevent intrusion on a target network having at least one **security subsystem** local to the target network provided to monitor network traffic and to detect attacks by an intruder on the system. The subsystem is **connected** via a secure link to a **master system** that is not otherwise **connected** to the target system. The **master system** monitors the subsystem via the secure link and registers information pertaining to the status of the subsystem. If the subsystem detects an attack on the target network, or does not respond to the **master system**, the **master system** will take appropriate action, ranging from logging the incident or notifying a network manager to attempting to...outside the target network I 00, security on the network could be compromised.

In the present invention, **security subsystem** 50 is **connected** to network backbone 12 and linked to each of the network's devices by a secure link ...

...such as Secure

7

SUBSTITUTE SHEET (RULE 26)

Sockets Layer (SSL). This ensures that communication between the **security subsystem** 50 and the other components of the target network cannot be intercepted by an intruder. A similar secure link 54 is established as a virtual private network (VPN) tunnel between the **security subsystem** 50 and a **master system** 60 **connected** to a remote network 110. Although the remote network is shown having its own firewalls...

...router 68, the ultimate configuration of remote network I 10 is not critical beyond secure link 54 **connecting security subsystem** 50 and **master system** 60. However, secure links 55 may be established between a device such as a network scanner 63...

...between the two networks cannot be intercepted by an intruder.

Therefore, there should be no other direct **connection** between target network I 00 and remote network I 10 except over a secure link.

Preferably, the...

...to the present embodiment wherein, even if completely subverted during

an attack on target system I 00, **security subsystem 50** would not result in a takeover of **master system 60**. The benefit of this configuration is that the **master system** would still be able to carry out its function. For example, if **master system 60** is configured to sound an alarm when **security subsystem 50** no longer responds to it, there would be no way, in this embodiment, for intruders on target network 100 to remotely shut down **master system 60** because the **master system** will not respond to any instructions issued from a subordinate system. Although **master system 60** may lose control of the target network, it is not in danger of being taken over by it. Additionally, if the link 54 between **master system 60** and **security subsystem 50** is severed or compromised, instructions may be routable instead through secure links 55.

9

SUBSTITUTE SHEET...

Claim

1 A security system for a computer connected to a network of computers comprising: at least one **security subsystem** associated with said computer, said subsystem configured to detect attacks on said computer; and a secure link between said **security subsystem** and a **master system** enabling data communication therebetween; wherein said **master system** monitors said **security subsystem** through said secure link and registers information pertaining to attacks detected by said **security subsystem**.

2 The **security** system of Claim 1 further comprising a pseudo attack generator associated with said master system for generating...

15/5,K/7 (Item 6 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00909145 **Image available**

PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS WITH INTEGRATED DESPECKLING MECHANISMS PROVIDED THEREIN
SYSTEMES PLIIM D'ILLUMINATION ET D'IMAGERIE AU LASER PLANAIRE A MECANISME DE DECHATOIEMENT INTEGRE

Patent Applicant/Assignee:

METROLOGIC INSTRUMENTS INC, 90 Coles Road, Blackwood, NJ 08012, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

TSIKOS Constantine J, 65 Woodstone Drive, Voorhees, NJ 08043-4749, US, US
(Residence), US (Nationality), (Designated only for: US)

KNOWLES Carl Harry, 425 East Linden Street, Morrestown, NJ 08057, US, US
(Residence), US (Nationality), (Designated only for: US)

ZHU Xiaoxun, 669 Barton Run Boulevard, Marlton, NJ 08053, US, US
(Residence), CN (Nationality), (Designated only for: US)

SCHNEE Michael D, 41 Penns Court, Aston, PA 191014, US, US (Residence),
US (Nationality), (Designated only for: US)

AU Ka Man, 1224 Devereaux Avenue, Philadelphia, PA 19111, US, US
(Residence), US (Nationality), (Designated only for: US)

WIRTH Allan, 358 Concord Road, Bedford, MA 01730, US, US (Residence), US
(Nationality), (Designated only for: US)

GOOD Timothy A, 2041 Broad Acres Drive, Clementon, NJ 08021, US, US
(Residence), US (Nationality), (Designated only for: US)

JANKEVICS Andrew J, 80R Carlisle Road, Westford, MA 01886, US, US
(Residence), US (Nationality), (Designated only for: US)

GHOSH Sankar, Apartment #B27, 100 W. Oak Lane, Glenolden, PA 19036, US,
US (Residence), US (Nationality), (Designated only for: US)

NAYLOR Charles A, 486 Center Street, Sewell, NJ 08080, US, US (Residence),
US (Nationality), (Designated only for: US)

AMUNDSEN Thomas, 620 Glen Court, Turnersville, NJ 08012, US, US

(Residence), US (Nationality), (Designated only for: US)
BLAKE Robert, 762 Fairview Avenue, Woodbury Heights, NJ 08097, US, US
(Residence), US (Nationality), (Designated only for: US)
SVEDAS William, 515 Longwood Avenue, Deptford, NJ 08096, US, US
(Residence), US (Nationality), (Designated only for: US)
DEFONEY Shawn, 331 Fay Ann Court, Runnemede, NJ 08078, US, US (Residence)
, US (Nationality), (Designated only for: US)
SKYPALA Edward, 1501 Old Blackhorse Pike, Suite 0-2, Blackwood, NJ 08012,
US, US (Residence), US (Nationality), (Designated only for: US)
VATAN Pirooz, 5122 Lexington Ridge Drive, Lexington, MA 02421, US, US
(Residence), US (Nationality), (Designated only for: US)
DOBBS Russell Joseph, 4 Grass Road, Cherry Hill, NJ 08034, US, US
(Residence), US (Nationality), (Designated only for: US)
KOLIS George, 5037 Jackson Avenue, Pennsauken, NJ 08110, US, US
(Residence), US (Nationality), (Designated only for: US)
SCHMIDT Mark C, 1659 Woodland Drive, Williamstown, NJ 08094, US, US
(Residence), US (Nationality), (Designated only for: US)
YORSZ Jeffrey, 24 Fells Road, Winchester, MA 01890, US, US (Residence),
US (Nationality), (Designated only for: US)
GIORDANO Patrick A, 1501 Little Gloucester Road, Apartment #U-40,
Blackwood, NJ 08012, US, US (Residence), US (Nationality), (Designated
only for: US)
COLAVITO Stephen J, 3520 Edgewater Lane, Brookhaven, PA 19015-2607, US,
US (Residence), US (Nationality), (Designated only for: US)
WILZ David W Sr, 10 Orion Way, Sewell, NJ 08080, US, US (Residence), US
(Nationality), (Designated only for: US)
SCHWARTZ Barry E, 407 Farwood Road, Haddonfield, NJ 08033, US, US
(Residence), US (Nationality), (Designated only for: US)
KIM Steve Y, 129 Franklin Street, #113, Cambridge, MA 02139, US, US
(Residence), US (Nationality), (Designated only for: US)
FISCHER Dale, 204 Sunshire Lakes Drive, Voorhees, NJ 08043, US, US
(Residence), US (Nationality), (Designated only for: US)
VAN Tassel John E Jr, 8 Arbor Lane, Winchester, MA 01890, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PERKOWSKI Thomas J (et al) (agent), Thomas J. Perkowski, Esq., P.C.,
Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200243195 A2-A3 20020530 (WO 0243195)
Application: WO 2001US44011 20011121 (PCT/WO US0144011)
Priority Application: US 2000721885 20001124; US 2001780027 20010209; US
2001781665 20010212; US 2001883130 20010615; US 2001954477 20010917; US
2001999687 20011031

Parent Application/Grant:

Related by Continuation to: US 2001954477 20010917 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06K-007/10

International Patent Class: G06K-007/14; G06K-007/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 298301

English Abstract

Methods of and systems for illuminating objects using planar laser
illumination beams having substantially planar spatial distribution
characteristics that extend through the field of view (FOV) of image
formation and detection modules employed in such systems. Each planar

laser illumination beam is produced from a planar laser illumination beam array (PLIA) comprising a plurality of planar laser illumination modules (PLIMs). Each PLIM comprises a visible laser diode (VLD), a focusing lens, and a cylindrical optical element arranged therewith. The individual planar laser illumination beam components produced from each PLIM are optically combined to produce a composite substantially planar illumination beam having substantially uniform power density characteristics over the entire spatial extent thereof and thus the working range of the system. Preferably, each planar laser illumination beam component is focused so that the minimum beam width thereof occurs at a point or plane which is the farthest or maximum object distance at which the system is designed to acquire images.

French Abstract

La presente invention concerne des procedes et systemes d'illumination d'objets au moyen de faisceaux d'illumination laser planaire presentant des caracteristiques de distribution spatiale sensiblement planaire qui couvrent le champ d'observation de formation d'image et de modules de detection employes dans de tels systemes. Chaque faisceau d'illumination laser planaire est produit a partir d'une matrice de faisceaux d'illumination laser planaire (PLIA) comprenant une pluralite de modules PLIM d'illumination par faisceau laser. Chaque PLIM est constitue d'une diode laser visible (VLD), d'une lentille de focalisation, et d'un element optique cylindrique monte en consequence. Chacun des composants du faisceau d'illumination laser planaire produit a partir de chacun des PLIM est soumis a une combinaison optique de facon a produire un faisceau d'illumination laser composite sensiblement planaire aux caracteristiques de densite de puissance sensiblement uniformes sur la totalite de son etendue spatiale, et donc sur la plage operationnelle du systeme. De preference, chaque composant du faisceau d'illumination laser planaire est focalise de facon a n'avoir qu'un minimum de largeur du faisceau au point ou sur le plan qui est a la plus grande distance de l'objet a laquelle le systeme est concu pour l'acquisition d'images, ce qui compense la perte de densite de puissance du faisceau incident d'illumination laser planaire en raison du fait que la largeur du faisceau d'illumination laser planaire augmente en longueur de facon a augmenter la distance par rapport a l'optique d'imagerie. Grace a la presente invention, il est maintenant possible d'utiliser des detecteurs image de type VLD et a cellule CCD grande vitesse dans des applications a bande transporteuse, douchette ou sous-table, tout en tirant profit des avantages que procure une telle technologie, tout en evitant les inconvenients qui s'y rattachaient jusqu'alors.

Legal Status (Type, Date, Text)

Publication 20020530 A2 Without international search report and to be republished upon receipt of that report.
Examination 20030116 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20030327 Late publication of international search report
Republication 20030327 A3 With international search report.

Fulltext Availability:

Claims

Claim

... that the numerous time-varying speckle-noise patterns can be temporally and spatially averaged during the photo- **integration** time period thereof, thereby reducing the RMS power of speckle-noise patterns observed at the image detection...length of the VLD), and temporally and spatially averaged at the image detection array during the photo- **integration** time period thereof, thereby reducing the RMS power of speckle-noise patterns observed at the image detection...image detection array, thereby allowing the numerous speckle-noise patterns to be temporally averaged over the photo- **integration** time period and spatially averaged over the image detection element and the RMS power of the observable...varying speckle-noise patterns are temporally and spatially averaged at the image detection array during the

photo- **integration** time period thereof, thereby reducing the RMS power of speckle-noise patterns observed at the image detection...Subsystem during the photo-integration time period thereof, which are temporally and spatially averaged during the photo- **integration** time period of the image detection array, thereby reducing the RMS power level of speckle-noise patterns...to be produced at the vertically-elongated image detection elements of the IFD Subsystem during the photo- **integration** time period thereof, which are temporally and spatially averaged during the photointegration time period of the image ...lens, a variable focal distance and fixed field of view is arranged on an optical bench, mounted **within** a compact module housing, and responsive to focus control signals generated by the camera control computer of...dual-VLD PLIA and a linear CCD image detection array having vertically-elongated image detection elements configured **within** an optical assembly which provides a despeckling mechanism that operates in accordance with the first generalized method...generalized method of speckle-pattern noise reduction illustrated in Figs. MA through MD, and which also has **integrated** with its housing, (2) a LCD display panel for displaying images captured by said engine and information...a fixed focal length/variable focal distance image formation optics, (ii) an IR-based object detection subsystem **within** its hand-supportable housing for automatically activating in response to the detection of an object in its ...of symbol character data to a host computer system in response to decoding a bar code symbol **within** a captured image frame, and (iv) a LCD display panel and a data entry keypad for supporting...first illustrative embodiment of the airport security method of the present invention carried out using the airport **security** system shown in Fig. 68A; Fig. 69A is a schematic block system diagram of a second illustrative...ensuring that these two conditions are satisfied to the best degree possible (at the planar laser illumination **subsystem** and the camera **subsystem**) will ensure optimal reduction in speckle-noise patterns observed at the image detector of the PLIIM-based...will factor into the specification of the spatial phase modulation function (SPMF) of this speckle-noise reduction **subsystem** design. In general, if the system requires an increase in reduction in the RMS power of speckle...numerous substantially different time-varying speckle-noise patterns at the image detection array (of the accompanying IFD **subsystem**) during the photo-integration time period thereof. These time-varying speckle-noise patterns are temporally and possibly...of substantially different time-varying speckle-noise patterns generated at the image detection array during each photo- **integration** time period thereof: (i) the spatial period of the spatial phase modulating elements arranged on the surface...

15/5,K/8 (Item 7 from file: 349)
 DIALOG(R) File 349:PCT FULLTEXT
 (c) 2003 WIPO/Univentio. All rts. reserv.

00837870 **Image available**

METHOD AND SYSTEM FOR DYNAMIC NETWORK INTRUSION MONITORING, DETECTION AND RESPONSE

PROCEDE ET SYSTEME DE SURVEILLANCE, DE DETECTION ET DE REACTION DYNAMIQUES EN CAS D'INTRUSION DANS UN RESEAU

Patent Applicant/Assignee:

COUNTERPANE INTERNET SECURITY INC, 3031 Tisch Way, 100 Plaza East,
 San Jose, CA 95128, US, US (Residence), US (Nationality)

Inventor(s):

SCHNEIER Bruce, 101 East Minnehaha Parkway, Minneapolis, MN 55419, US,
 GROSS Andrew H, 1055 Coleman Road, #2309, San Jose, CA 95123, US,
 CALLAS Jonathan D, 1781 Wema Way, San Jose, CA 95124, US,

Legal Representative:

LAURIE Ronald S (et al) (agent), Skadden, Arps, Slate, Meagher & Flom
 LLP, 525 University Avenue, Palo Alto, CA 94301, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200171499 A1 20010927 (WO 0171499)
Application: WO 2001US7629 20010309 (PCT/WO US0107629)
Priority Application: US 2000190326 20000316; US 2001766343 20010119.
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-011/30
International Patent Class: G06F-015/173
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 15974

English Abstract

A probe (2000) monitors sensors attached to the network for evidence of unauthorized intrusions. Such sensors include: firewalls and intrusion detection systems (1010), commercial sensors and agents (1020), decoys and honeypots (1030), and custom sensors and agents (1040). Noteworthy data indicating an unauthorized intrusion are formatted by the probe (2000) into messages which are sent to pipes (3000) to gateway system (4000) via internal network (5000), and then to the SOC (6000). The operation of SOC (6000) can be controlled by operating procedures (6030). Such operating procedures can include, for example, which customer contacts should be notified about what type of events and how to respond to certain types of attacks. The SOC (6000) can generate reports (6040) based on the activity of the network. All suspicious activity of the network, alert (6050) the security analyst (6010), and those suspicious events are stored in the database (6020).

French Abstract

Une sonde (2000) surveille des detecteurs relies au reseau qui signalent des intrusions non autorisees. Lesdits detecteurs comprennent des cloisons et des systemes de detection d'intrusions (1010), des detecteurs et des agents du commerce (1020), des leurres et des encodeurs (honeypots) (1030), des detecteurs et agents sur mesure (1040). Les donnees d'interet indiquant une intrusion non autorisees sont formatees par la sonde (2000) sous forme de messages qui sont envoyes a des canaux (3000) et a un systeme de portail (4000) via un reseau interne (5000), puis aux centres d'operations securises (SOC) (6000). La marche des SOC(6000) peut etre commandee par des procedures operatoires (6030). Ces procedures concernent, par exemple, les contacts client a prevenir en cas de tel ou tel type d'evenement et modalites de reaction face a certains types d'attaque. Les SOC(6000) peuvent produire des rapports (6040) en fonction de l'activite du reseau. En cas d'activite suspecte sur le reseau, un analyste securite (6010) est alerte (6050) cependant que les evenements suspects sont stockes dans la base de donnees (6020).

Legal Status (Type, Date, Text)

Publication 20010927 A1 With international search report.

Patent Applicant/Assignee:

COUNTERPANE INTERNET SECURITY INC...

15/5,K/9 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00836863 **Image available**

METHOD OF USING SYSTEM SPECIFIC DATA TO UNLOCK FILES THAT SHARE A COMMON

KEY

PROCEDE D'UTILISATION DE DONNEES SPECIFIQUES A UN SYSTEME POUR DEBLOQUER
DES FICHIERS PARTAGEANT UNE CLE COMMUNE

Patent Applicant/Assignee:

SPINWARE INC, Suite 205, 1340 South de Anza Boulevard, San Jose, CA 95129
, US, US (Residence), US (Nationality), (For all designated states
except: US)

Patent Applicant/Inventor:

ZELL Adam, 1072 South de Anza Boulevard #436, San Jose, CA 95129, US, US
(Residence), US (Nationality), (Designated only for: US)
KNIGHT Tony D, 2101 Donald Drive #29, Moraga, CA 94556, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MALLIE Michael J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman LLP,
7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169886 A2-A3 20010920 (WO 0169886)
Application: WO 2001US8179 20010313 (PCT/WO US0108179)
Priority Application: US 2000524048 20000313

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L-029/06

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5592

English Abstract

A method for conducting a transaction between a client system and a server system is described. The method may include registering information about a particular client system from among multiple client systems. The information is registered on a server system and may include a characteristic specific to the client system being registered. The method may also include purchasing access to the file by the client system from the server system and enabling the file to be accessed only by the client system purchasing access to the file. The access of the file may be enabled based on the characteristic specific to the client system.

French Abstract

L'invention concerne un procede permettant d'effectuer une transaction entre un systeme client et un systeme serveur. Le procede peut contenir des informations d'enregistrement relatives a un systeme client particulier parmi une multiplicite de systemes clients. Des informations sont enregistrees dans un systeme serveur et peuvent contenir une caracteristique specifique au systeme client enregistre. Le procede peut aussi consister en l'achat d'un acces au fichier par le systeme client a partir du systeme serveur et la validation de l'accès au fichier uniquement par l'achat par le systeme client de l'accès au fichier. L'accès au fichier peut être valide sur la base de la caracteristique specifique au systeme client.

Legal Status (Type, Date, Text)

Publication 20010920 A2 Without international search report and to be republished upon receipt of that report.

Examination 20011213 Request for preliminary examination prior to end of 19th month from priority date

Search Rpt 20020411 Late publication of international search report

Republication 20020411 A3 With international search report.

Fulltext Availability:
Detailed Description

Detailed Description

... bit block cipher that accepts a variable length key up to 256 bits.
Twofish is available from **Counterpane Internet Security**, Inc., of San Jose, CA. Twofish is known in the art; accordingly, a more detailed discussion is...

...provided

In an alternative embodiment, encryption engine 520 may use another encryption algorithm, for examples, Blowfish from **Counterpane Internet**

Security, Inc., of San Jose, CA; Serpent from Lars Knudsen of the University of Bergen, Norway, and Data...

15/5,K/10 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00806389

SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING MAINTENANCE AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT
PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTE

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Boulevard, Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139082 A2 20010531 (WO 0139082)

Application: WO 2000US32228 20001122 (PCT/WO US0032228)

Priority Application: US 99447625 19991122; US 99444889 19991122

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 152479

English Abstract

French Abstract

L'invention concerne un systeme, un procede, et un article manufacture de gestion proactive mis en oeuvre au cours de la maintenance et de l'entretien d'un environnement du type chaine d'approvisionnement reseautee. Les appels telephoniques, les donnees et autres informations multimedia sont routes via un reseau assurant le transfert des informations via Internet au moyen d'informations de routage telephonique et d'informations d'adresse de protocole Internet. Ledit reseau comprend

un gestionnaire de seuil proactif qui avertit a l'avance les fournisseurs d'une rupture de contrat imminente. Ledit gestionnaire de seuil proactif envoie une alarme au fournisseur de services lorsque le niveau de service du moment n'atteint plus le niveau de service determine dans le contrat en termes de maintien d'un certain niveau de service.

Legal Status (Type, Date, Text)

Publication 20010531 A2 Without international search report and to be republished upon receipt of that report.
Examination 20010927 Request for preliminary examination prior to end of 19th month from priority date
Declaration 20020103 Late publication under Article 17.2a
Republication 20020103 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Fulltext Availability:

Detailed Description

Detailed Description

... the switches have passed the burden of translating the time into a usable format to the network **subsystems**. The fixed record format cannot accomodate the various time period requirements because (inverted exclamation mark)t only...the present invention. The Fault Management component 4600 records fallures and exceptions in network devices (e.g. **network** routers or UNIX servers) and perforiris the following operations.

1) performs root-cause correlation of the fallures...

15/5,K/11 (Item 10 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00802117 **Image available**

TRANSACTION TAX COLLECTION SYSTEM AND METHOD

SYSTEME ET PROCEDE DE RECOUVREMENT DE LA TAXE SUR LES TRANSACTIONS

Patent Applicant/Assignee:

ESALESTAX COM, 6766 South Revere Parkway, Suite 120, Englewood, CO 80112,
US, US (Residence), US (Nationality), (For all designated states
except: US)

Patent Applicant/Inventor:

GRYGLEWICZ Dave, 3735 S. Hibiscus Way, Denver, CO 80237, US, US
(Residence), US (Nationality), (Designated only for: US)

BLANDINA Mike, 7596 S. Telluride Ct., Aurora, CO 80016, US, US
(Residence), US (Nationality), (Designated only for: US)

BIRCH Doug, 6616 Old Ranch Trail, Littleton, CO 80125, US, US (Residence)
, US (Nationality), (Designated only for: US)

Legal Representative:

DUPRAY Dennis J (et al) (agent), Sheridan Ross P.C., 1560 Broadway, Suite 1200, Denver, CO 80202-5141, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200135678 A2-A3 20010517 (WO 0135678)

Application: WO 2000US30903 20001110 (PCT/WO US0030903)

Priority Application: US 99164976 19991111

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 29121

English Abstract

A system (32) and method for computing and collecting taxes is disclosed. In particular, the invention properly computes and collects, e.g., sales and use taxes that is consistent legal guidelines and restrictions imposed by national governments such as the United States. Accordingly, the invention is useful for computing and collecting taxes on Internet sales.

French Abstract

L'invention concerne un systeme et un procede de calcul et de recouvrement des taxes. En particulier, le systeme selon l'invention permet le calcul correct et le recouvrement de l'impôt, notamment la taxe de vente et d'utilisation, selon les termes des directives et des restrictions juridiques imposees par les gouvernements nationaux, tels que le gouvernement des Etats-Unis. Le systeme et le procede selon l'invention sont donc utiles pour le calcul et le recouvrement des taxes sur les ventes par Internet.

Legal Status (Type, Date, Text)

Publication 20010517 A2 Without international search report and to be republished upon receipt of that report.
Examination 20010809 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20011004 Late publication of international search report
Republication 20011004 A3 With international search report.

Fulltext Availability:
Detailed Description

Detailed Description

... authorities (or more precisely, the tax authority nodes 60). Thus, the tax authority interaction control system 432 includes a network interface and security subsystem 252B which may be identical to the network interface and security subsystem 252A of the merchant interaction control system 256 mentioned hereinabove. In particular, the network interface and security subsystem 252B provides a secure socket layer (SSL) as part of the network 46 interface with the tax...

...encryption key per tax authority as one skilled in the art will understand. The network interface and security subsystem 252B (and 252A) includes the appropriated modules for transmitting and receiving data from the network 46 according...

15/5,K/12 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00762425 **Image available**

AN ELECTRONIC-RECEIPTS SERVICE
SERVICE ELECTRONIQUE DE RECUS

Patent Applicant/Assignee:

RECEIPTCITY COM INC, 3051 N. 1st Street, San Jose, CA 95134, US, US
(Residence), US (Nationality)

Inventor(s):

ALLAN Scott T, 2924 Hillside Drive, Burlingame, CA 94010, US,
MILES Jeffery, 6196 Gilder Drive, San Jose, CA 95123, US,
STOUT J Greg, 642 Caliente, #23, Sunnyvale, CA 94086, US,
VALLIANI Aziz, 1111 Tewa Court, Fremont, CA 94539, US,
RAFII Abbas, 1546 Wisteria Court, Los Altos, CA 94024, US,
KAREEMI Nazim, 2145 Emerson Street, Palo Alto, CA, US,

Legal Representative:

KAUFMAN Michael A (et al) (agent), Flehr Hohbach Test Albritton & Herbert
LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200075834 A2-A3 20001214 (WO 0075834)
Application: WO 2000US15368 20000602 (PCT/WO US0015368)
Priority Application: US 99137575 19990604; US 99141380 19990628; US
2000480883 20000110

Designated States: CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-017/60

International Patent Class: G07F-019/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18738

English Abstract

Apparatus and methods for a web-based transaction data storage and retrieval offering for merchants and customers, providing; retailers the operational cost savings of electronic signature capture with minimal integration of such signatures into their legacy systems. Transaction data including signatures are securely transmitted from the merchant to the remote, transaction-record repository. An internet browser then accesses an electronic-records-service web-site that provides a straightforward, user-friendly interface (for searching transaction-record data) for recreating receipts as proof of a transaction. When a transaction record (a receipt, for example) is required, the customer, the merchant's employees or designated financial agents of the customer or the merchant (banks or payment processors, for example) can access the electronics-records service through an internet using a web browser. These records can be viewed, downloaded or printed; or faxed or e-mailed to the desired recipient.

French Abstract

Cette invention concerne un dispositif et des procedes portant sur un systeme Web de stockage et de recuperation de donnees de transaction a l'intention de vendeurs et de clients. Grace a ce systeme, les detaillants peuvent reduire les couts operationnels en rapport avec la capture de la signature electronique, pour une integration minimale desdites signatures dans leurs systemes existants. Des donnees de transaction avec signatures sont transmises en toute securite du marchant a une logitheque a distance d'enregistrement des transactions. Un navigateur Internet permet ensuite d'accéder a un site web avec service d'enregistrement electronique qui assure une interface directe et conviviale (pour la recherche de donnees de transaction) en vue de la re-creation de recus comme preuve de la transaction. Lorsqu'une piece relative a une transaction (un reçu par exemple) doit être fournie, le client, le personnel du vendeur ou des agents financiers dument designes du client ou de vendeurs (tels que banques ou organismes charges du traitement des paiements) peuvent accéder aux dossiers electronique via Internet au moyen d'un navigateur. Ces dossiers peuvent être etudies, transférés ou imprimés, ou bien être expédiés par telecopie ou courrier electronique au destinataire voulu. Pour accéder a un dossier electronique, l'utilisateur se rend sur le site Internet correspondant, s'enregistre et choisit la transaction pour laquelle il souhaite voir le reçu. Pour cette recherche, il peut utiliser divers moyens (tels que date, emplacement d'enregistrement, montant total de la transaction) et observer visuellement le reçu. L'utilisateur peut utiliser le dossier ainsi recupere de la transaction pour contester une facturation ou bien retourner ou echanger un bien. Ce service d'enregistrement de dossiers constitue ainsi un moyen rapide et economique au service du client tout en ameliorant la qualite du service a la clientele.

Legal Status (Type, Date, Text)

Publication 20001214 A2 Without international search report and to be
republished upon receipt of that report.
Examination 20010315 Request for preliminary examination prior to end of
19th month from priority date
Search Rpt 20010525 Late publication of international search report
Republication 20010525 A3 With international search report.
Fulltext Availability:
Claims

Claim

... embodiment, the row is
the foundation of information transfer for eReceipts
objects.
Search service: The visual and **interactive** part of the data form, which
10
part executes on a web server and browser.
Service administrator...

...180.

Each merchant 120 and some or all of the optional
intermediate partner data center(s) 130 **communicate** over the
communications link 160, typically a private network. The optional
intermediate partner data center(s) 130 **communicate** (s) with the data
farm 140 using the communications link 170, also typically a private
network. (Where...

...intermediate data center 130 is present, the

I I

merchant(s) 120 and the data farm 140 **communicate** directly using the
then-unitary communications links 160,170.)

In addition to communicating using the private networks...

...s) 120, any optional intermediate data center(s) 130 and
the data farm 140 are each communicatively **connected** as hosts on the
internet 180, allowing any one to **communicate** with any other one
through
that internet 180. (The personal computer 190 is viewed as a host...

...the

internet 180, although its actual status is more likely to depend on the
directness of its **connection** to that internet 180, for example, through
optional service providers not shown.)

A merchant 120 includes a...

...more point-of-sale (POS) systems 126. A POS system 126 and the
merchant data center 127 **communicate** over a communications link 128
(typically a serial link) or a communications link 122. In addition to
communicating using the link(s) 128,122, the POS system 126 is
communicatively **connected** as a host on the internet 180, allowing
communication with any other host on the internet 180...

...web-enabled portions 1262,1261 of the POS
payment platform, may maintain them distinct from but directly **connected**

to each other or may only associate the non-web-enabled and webenabled
portions 1262,1261 of the POS platform (i.e., indirectly **connect** the
cash-register and **interactive** web-enabled portions 1262, 1261 of the
payment platform.) Alternatively, the POS system 126 may omit the...
stereo, inter alia.

With each item identified, the POS system 126 and the
merchant data center 127 **communicate**. The result of the
communications is that the customer is shown a description of the item
lost...

...tax amount, etc. These descriptions may display on the transaction
computer 126.

The POS system 126 also **communicates** with the data form 140
as the items are identified. The result of the communications is that...

...s store (or web site) or from a manufacturer 130 regarding consumer electronics. He may see an **interactive** advertisement. In a batch system 100, items are identified and stored in the merchant data center 127 and bulk (batch) data is **communicated** to the data farm 140 at predetermined times. Each transmitted content encourages the customer to attend to...

...or clicking on an area of a web page, for example. Any response to a content is **communicated** to the data farm 140. The farm 140 may alter the current or any subsequent presentation of ...

...The lack of a response, which is of itself useful information, may or may not be explicitly **communicated** to the data form 140.) Additionally or alternatively, the **interactive** portion 1261 may be so responsive. At some point in the transaction, usually after the sales agent...

...This early identification may help target the contents for display to the identified customer.

DEVICES

- Web-Enabled **Interactive** Point-of-Sale Device

Figures 2 and 3 illustrate embodiments of the transaction computer (TC) 1261 of a web-enabled **interactive** POS system 126. Figure 2 is an illustration of a TC 200 of a POS system 126...

...transaction computer 200 or 300 in a POS system 126. The TC 200, 300 includes a processor **subsystem** 510, a **security subsystem** 520, an input subsystem 530, an output subsystem 540, a payment subsystem 550, a communications subsystem 560...in the communications subsystem 560 and other drivers as necessary to operate the input, output, payment and **security subsystems** 530, 540, 550, 560. Hyper-Text Markup Language (HTML) and Java (available from Sun Microsystems of Mountain...

...TCP) and Internet Protocol (IP) are currently the most popular protocols. Extensible Markup Language (XML) and Secure **Soc** 'ket Layers (SSQ are examples of other applicable, popular protocols. The memory 512 may also include application...

15/5,K/13 (Item 12 from file: 349)
 DIALOG(R) File 349:PCT FULLTEXT
 (c) 2003 WIPO/Univentio. All rts. reserv.

00761432

METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES AND CUSTOMER PROFILE

PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS

Patent Applicant/Assignee:

ANDERSEN CONSULTING LLP, 100 South Wacker Drive, Chicago, IL 60606, US,
 US (Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US
 MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US
 BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US

Legal Representative:

BRUESS Steven C, Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN
 55402-0903, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073958 A2 20001207 (WO 0073958)
Application: WO 2000US14459 20000524 (PCT/WO US0014459)
Priority Application: US 99320818 19990527

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 151011

English Abstract

The present invention is provided for comparison shopping by utilizing a customer's profile to prioritize the features of a group of similar, competing products. First, a customer's profile is developed. This profile may be developed from many sources including customer input, customer buying habits, customer income level, customer searching habits, customer profession, customer education level, customer's purpose of the pending sale, customer's shopping habits, etc. Next, the customer selects multiple, similar items, i.e. products or services to compare. Finally, a comparison table is presented which prioritizes the features in accordance with the customer's profile.

French Abstract

La presente invention concerne un achat par comparaison grace a l'utilisation d'un profil consommateur pour etablir des priorites dans les caracteristiques d'un groupe de produits analogues en concurrence. D'abord on elabore un profil consommateur. Ce profil peut etre elabore a partir de plusieurs sources, y compris une entree de donnees du consommateur, les habitudes d'achat du consommateur, le revenu du consommateur, les habitudes de recherche du consommateur, la profession du consommateur, le niveau d'education du consommateur, les attentes du consommateur pour la vente en cours, les habitudes d'achat du consommateur, etc. Ensuite, le consommateur selectionne plusieurs articles analogues, c.-a-d. des produits ou des services afin de les comparer. Enfin, un tableau de comparaison produit etablit des priorites de caracteristiques en fonction du profil du consommateur.

Legal Status (Type, Date, Text)

Publication 20001207 A2 Without international search report and to be republished upon receipt of that report.

Examination 20010222 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... addressing performance issues.

g) Do the users have a choice of whether or not to use the **system** ?
User interface prototyping tools are important since they allow developers to obtain user input early on in...and to agree on a deadline for these enhancements.

c) Will the vendor guarantee consistency of all **interfaces** across future releases? The biggest danger in using packaged components is that the vendor will make changes to the component **interfaces** . When selecting packaged components make sure the vendor guarantees backwards

compatibility of all the existing **interfaces** provided by the component. If this is not the case, it will entail much reworking of the...

...5 specifically for the platform of the target system.

e) Does the component provide standard or proprietary **interfaces** ?
When choosing between packaged components, always choose standard **interfaces** over proprietary ones. It will always be easier to customize and **interface** a component whose language is known to the development team, rather than one which requires developers to...b) Does the editor support multiple languages?

Some IDEs provide support for many languages using the same **interface** (for example, MS Developer Studio supports C, C++, Java, Fortran). This has the advantage of providing the...

...enter program break points and step through a program, tracking the progress of execution and identifying errors **interactively** . It is typically used in conjunction with the source code editor so that coding errors identified can...a. starting point for programming.

Shell generation is typically repository-based but can also be based on **interaction** with the programmer, where the generation utility requests key information about the program, and generates a starting...

...the programmer) may include.

0 Data base tables accessed
0 Methods and attributes defined (for objects)
0 **Interface** information
Based on this information, the generator selects the appropriate include files and creates skeleton code which...

...programming tools) allows the developer to rapidly design windows and pages using a point and click graphical **interface** . ne relevant source code is subsequently generated from these designs.

The generation of DDL and DML is...outweigh the value of wrapping an object/code. As objects/code become more complex, with more functions/**interfaces** , then the value of wrapping them becomes more tangible.

172

Media Content Creation

As systems become increasingly user-facing, it is important to design user **interfaces** that are not only functional, but also engaging and informative. This is especially true of Internet and kiosk-based systems, where users have a notoriously short concentration span.

This requirement for more attractive user **interfaces** has triggered the evolution of media-rich applications, the development of which requires new tools and processes...that component testing is complete. To view the test case checklist follow the doclink.

d) What components **interface** with the Test Planning component?
The following components **interface** with the Test Planning component.

Tools - System Building - Test - Test execution, This **interface** relates to the actual Test Planning scripts for an automated script playback capability. The scripting tool can...not directly related to the systems, or are performed infrequently. Many of the functions, however, require an **interface** to the systems, or involve large volumes of data.

Is integration with any existing systems required?
If...

...technical expertise will be needed at remote sites, and there is the potential for problems with the **interfaces** between tools,
Platform Constraints
Systems-based tools (e.g., for monitoring or control purposes) will

clearly be...

...functions is highly desirable. Integrated toolsets offer integrated functionality across a number of functions, thus simplifying the **interfaces** between them (e.g., data will automatically be consistent across functions). Purchase of such tools will help...

...the vendors to determine whether these requirements are being met.

PRESENTATION (1302)

The presentation component provides the **interface** between the manager(s) of the system and management data generated by the system. Data can be...

...of output. By integrating the operational architecture it is possible to reduce the number of front-end **interfaces** required. Commonly, the presentation component uses a GUI front-end **interface**. This component is also responsible for real-time and historical report generation.

EVENT PROCESSING (1304)

Event processing...

...information on to either the presentation or management applications layers. Again it is important to consider the **interface** of the event processing component with the other components of the operational architecture.

Help Desk (1306)

As...IS organizations to ensure the incidents and problems get resolved).

, Incident Management (1308)

Incident Management provides the **interface** between the users of the system and those operating and maintaining the system when an incident arises...

...required to perform at least some of these management tasks.

EVENT / DATA GENERATION (1314)

Event/data generation **interacts** with all the managed components in the execution and development environments in order to obtain the required management information.

This component also **interacts** with the physical environment, managing hardware, and supporting infrastructure components of the operational architecture to obtain management information. It is important to consider these **interfaces** when choosing event/data generation components. Agents and proxies are two common types of event/data generation...entire organization. (Case based tools will require building up over time.)

Incident Management

Incident Management provides the **interface** between the users of the system and those operating and maintaining the system when an incident arises...

...be automatically logged or only by manual association with an incident?

Automatic logging of problems will require **interfaces** to be built with the Event Management system, and perhaps the execution architecture for application errors.

Request...

...user, vendor, or developer. Request Management I/O determines if and when requests will be fulfilled through **interaction** with the particular function(s) impacted by the request. Following such **interaction**, accepted requests will be planned, executed, and tracked.

Implementation Considerations
Will users be given access to the...

15/5,K/14 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00520885 **Image available**

**SYSTEM AND METHOD FOR TRANSMITTING VOICE AND DATA USING INTELLIGENT BRIDGED
TDM AND PACKET BUSES**

**SYSTEME ET PROCEDE DE TRANSMISSION DE SIGNAUX VOCAUX ET DE DONNEES A L'AIDE
DE BUS MRT ET DE PAQUETS PONTES DE MANIERE INTELLIGENTE**

Patent Applicant/Assignee:

VERTICLE NETWORKS INC,
PICKETT Scott K,

Inventor(s):

PICKETT Scott K,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9952237 A1 19991014

Application: WO 99US7587 19990405 (PCT/WO US9907587)

Priority Application: US 9855072 19980403; US 9855036 19980403; US
98161550 19980925; US 98163596 19980929; US 98167408 19981006

Designated States: AT AU BR CA CH CN CZ DE DK ES FI GB HU ID IL JP KP KR LT
LU LV MX NO NZ PL PT RO RU SE SG TR UA US US US US US US AT BE CH CY DE
DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: H04J-003/16

International Patent Class: H04J-003/24; H04L-012/43; H04L-012/28;

H04L-012/56; H04L-012/40

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14484

English Abstract

Systems (Figs. 1 and 2) for transmitting voice/data using
multiprotocols.

French Abstract

La presente invention porte sur des systemes (figures 1 et 2) qui
permettent de transmettre des signaux vocaux et des donnees a l'aide de
multiprotocoles.

Fulltext Availability:

Detailed Description

Detailed Description

... applications; provides a single point of contact for fault isolation;
ensures maximum application availability by isolating application
subsystems ; increases **security** by preventing **unauthorized** access;
prevents interruption of service due to power supply failure; ensures
maximum system availability by providing an independent **watchdog**
service; keeps the user informed of system status through notification of
system problems, no matter where the...

15/5,K/15 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00344642

**SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS
PROTECTION**

**SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION
ELECTRONIQUE DES DROITS**

Patent Applicant/Assignee:

ELECTRONIC PUBLISHING RESOURCES INC,

Inventor(s):

GINTER Karl L,
SHEAR Victor H,
SPAHN Francis J,
VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9627155 A2 19960906

Application: WO 96US2303 19960213 (PCT/WO US9602303)

Priority Application: US 95388107 19950213

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB

GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL

PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY

KG KZ RU TJ TM AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-001/00

International Patent Class: G06F-17:60

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 207972

English Abstract

The present invention provides systems and methods for electronic commerce including secure transaction management and electronic rights protection. Electronic appliances such as computers employed in accordance with the present invention help to ensure that information is accessed and used only in authorized ways, and maintain the integrity, availability, and/or confidentiality of the information. Secure subsystems used with such electronic appliances provide a distributed virtual distribution environment (VDE) that may enforce a secure chain of handling and control, for example, to control and/or meter or otherwise monitor use of electronically stored or disseminated information. Such a virtual distribution environment may be used to protect rights of various participants in electronic commerce and other electronic or electronic-facilitated transactions. Secure distributed and other operating system environments and architectures, employing, for example, secure semiconductor processing arrangements that may establish secure, protected environments at each node. These techniques may be used to support an end-to-end electronic information distribution capability that may be used, for example, utilizing the "electronic highway".

French Abstract

Systemes et procedes destines au domaine du commerce electronique, et notamment a la gestion securisee des transactions et a la protection electronique des droits. Les appareils electroniques tels que les ordinateurs utilises conformement a la presente invention permettent d'assurer que les informations ne sont consultees et exploitees que de maniere autorisee, et ils conservent l'integrite, la disponibilite et/ou le caractere confidentiel des informations. Les sous-systemes securises utilises en association avec de tels appareils electroniques constituent un environnement de distribution virtuel distribue (VDE) apte a imposer une chaine securisee de traitement et de commande, par exemple pour la commande et/ou la mesure ou encore le controle de l'utilisation d'informations stockees ou diffusees electroniquement. Cet environnement de distribution virtuel peut servir a proteger les droits de differents individus impliquees dans le commerce electronique et dans d'autres transactions electroniques ou assistees par des moyens electroniques. On a egalement prevu des environnements et architectures de systeme d'exploitation distribues, securises et autres mettant en oeuvre, par exemple, des ensembles de traitement securise a semi-conducteurs pouvant etablir des environnements securises et proteges au niveau de chaque noeud. Ces techniques peuvent servir de soutien pour une fonction electronique de distribution d'informations de bout en bout, cette fonction etant utilisable, par exemple, dans le domaine de l'"autoroute electronique".

Fulltext Availability:
Detailed Description

Detailed Description
... as needed.

- 214

As mentioned above, memory external to SPU 500 may not be secure. Therefore, when **security** is required, SPU 500 must encrypt secure information before writing it to external memory, and decrypt secure...

15/5,K/16 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00321279 **Image available**

CONNECTING A PORTABLE DEVICE TO A NETWORK
CONNEXION D'UN DISPOSITIF PORTATIF A UN RESEAU

Patent Applicant/Assignee:

THE GENERAL HOSPITAL CORPORATION,
AQUILA TECHNOLOGIES GROUP INC,

Inventor(s):

SIMS Nathaniel M,
KADNER Steven P,
FERGUSON Kevin,
MARTINEZ Chris,
RAJALA Robert,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9603787 A1 19960208

Application: WO 95US9032 19950718 (PCT/WO US9509032)

Priority Application: US 94282051 19940728

Designated States: AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: H01R-013/703

International Patent Class: G06F

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 15750

English Abstract

A tag (30) associated with a device (12) and that identifies the device with respect to other devices is connected to a communication link (16) with the same connector (100) used to connect the device to a source of power (110). The device connector includes an element for receiving electrical power and a data contact (106) connected to the tag. An electrical power connector (110) (which serves as the power source) has an element for engaging the element of the device connector and applying electrical power thereto, and another data contact (120) connected to the communication link (16). When the device connector is engaged with the electrical power source connector, the data contacts engage one another and establish a data path between the communication link and the tag. The connection to the communication link allows information to be exchanged between the communication link and the tag.

French Abstract

Un marqueur (30) associe avec un dispositif (12) permet d'identifier le dispositif par rapport a d'autres dispositifs. Ce marqueur est connecte a une liaison de communication (16) par le meme connecteur (100) que celui utilise pour connecter le dispositif a une source (110) de courant. Le connecteur du dispositif comporte un element pour recevoir le courant electrique et un contact (106) pour les donnees connecte au marqueur. Un connecteur (110) a courant electrique (qui sert de source de courant) a un element pour s'engager avec l'element du connecteur du dispositif et

assurer son alimentation en courant électrique et un autre contact (120) pour données connecté à la liaison de communication (16). Lorsque le connecteur du dispositif est engagé avec le connecteur de la source de courant électrique, les contacts pour données s'engagent ensemble et établissent un trajet de communication entre la liaison de communication et le marqueur. La connexion à la liaison de communication permet un échange d'information entre la liaison de communication et le marqueur.

Fulltext Availability:
Detailed Description

Detailed Description

... 522 (Fig, 20) is integrated with an alarm system 620 and digital camera 622 to provide a **security subsystem** in location 18a (e.g., a storeroom or patient room), The **security subsystem** allows only those users with an authorized identifications (e.g., user IDs as indicated by tags 30...

...624) can remove devices 12 (such as device 12e) plugged into power strip 500. Host computer 60 **tracks** whether device 12e has been disconnected before a user ID has been read by badge 35 reader...

...14 to
5 take a picture of the user. Digital camera 622 transmits the photograph of the **unauthorized** user of device 12e as a digital file to host computer 60 over network 14.

Alarm system...

15/5,K/17 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00303936

HOME AUTOMATION SYSTEM

SYSTEME DOMOTIQUE

Patent Applicant/Assignee:

INTELLINET INC,

Inventor(s):

HUMPHRIES L Scott,

RASMUSSEN Glenn,

VOITA Douglas L,

PRITCHETT James D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9522087 A1 19950817

Application: WO 95US1805 19950214 (PCT/WO US9501805)

Priority Application: US 94503 19940215

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU

JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD

SE SI SK TJ TT UA UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT

LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G05B-015/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17230

English Abstract

A home automation system comprises a number of sub-systems for controlling various aspects of a house, such as a security sub-system (50), and HVAC sub-system (70), a lighting control sub-system, and an entertainment sub-system. The network comprises a host computer (20)

connected through a host interface (24) to a plurality of nodes (25-30). The network is in a free form topology and employ asynchronous communication. The host computer (20) polls each node on the network to determine system configuration and to perform a diagnostic check on the system. The messages that are transmitted between the nodes are comprised of a source address, a destination address that uniquely identifies the location of each piece of hardware on the system, a message type field, and a data length segment. Each hardware device has a mirror image software object in the host computer to which messages are directed.

French Abstract

Un systeme domotique comprend un certain nombre de sous-systemes qui commandent diverses operations domestiques, par exemple un sous-systeme de securite (50), un sous-systeme d'alimentation electrique haute tension (70), un sous-systeme de commande de l'eclairage et un sous-systeme de loisirs. Le reseau comporte un ordinateur central (20) connecte par une interface hote (24) a une pluralite de noeuds (25-30). Le reseau a une topologie a structure non imposee et fait appel a une communication asynchrone. L'ordinateur central (20) interroge chaque noeud du reseau pour determiner la configuration du systeme et realiser un diagnostic du systeme. Les messages transmis entre les noeuds se composent de l'adresse de la source, d'une adresse de destination qui identifie specifiquement l'emplacement de chaque element de materiel du systeme, d'un champ de message et d'un segment de longueur de donnees. Chaque appareil cable possede un objet logiciel correspondant dans l'ordinateur central, auquel les messages sont destines.

Fulltext Availability:

Claims

Claim

... of the invention comprises a

home automation system having a number of sub-systems, such is a **security sub - system**, a lighting control sub system, and an environmental control sub-system, The home automation system comprises a...

...of the invention comprises a

home automation system having a number of sub-systems, such as a **security sub - system**, a lighting control sub system, and an environmental control sub-system. The home automation system comprises a...

...of the invention comprises a

home automation system having a number of sub-systems, such as a **security sub - system**, a lighting control sub system, and an environmental control sub-system, The home automation system comprises a...interfaces employ a common means of controlling associated devices,

A fifth aspect of the invention comprises a

watch dog timer for use in a home automation system. According to this embodiment of the invention, a **watch** dog timer circuit initiates a phone call to an off-site location when an operation signal is...

...a bus inter

face circuit in the host interface;
Fig. 8 is a schematic diagram of a **watch** dog timer;
- 10

Fig. 9 is a flow chart illustrating a run time diagram for the host...

...an event

processing loop for the host computer;
Fig. 11 is a block diagram of a home **security**

sub - system in the home automation system;
Fig, 12 is a block diagram of an embodiment of
a zone in the home **security sub - system** ;
Fig, 13 is an exemplary house layout depicting
a second embodiment of the zones in the home **security
sub - system** ;
Figs, 14A, 14B, and 14C depict possible modes
of operation for the home **security sub - system** ;
Fig, 15 is a schematic of a keypad interface
for the home **security sub - system** ;
Fig, 16 is a block diagram of an environmental
control sub-system;
Fig, 17 is a schematic...

...nodes, such as an AC Power.Module node,
The host computer 20 is also connected to a **watch dog**
timer 22 which is then connected to an auto-dialer 23,
Each node may then be...As generally shown in Fig, 3, the system
includes a circuit which is referred to as a "**watch dog**
timer" 22. This circuit periodically **monitors** the host
computer 20 to verify that the home automation system
- 15

remains active. If the system fails to indicate that it
still is on line, the **watch dog** timer 22 can initiate a
call over the telephone lines to an off-site location and...

...that the system is not active.
Fig. 8 is a schematic diagram showing an
embodiment of the **watch dog** timer 22 according to-the
present invention, As shown, the **watch dog** circuit is
capacitively coupled to the host computer 20 through a
serial port, The host computer...

...technique known
in the art,
To ensure the reliability of the monitor fea
ture provided by the **watch dog** timer 22, the **watch dog**
circuit is powered by a backed-up supply which is inde
pendent of the power supplied to the rest of the system,
Further, as shown, the **watch dog** circuit includes a
power-up reset circuit, The reset circuit includes a
timer circuit U4 which...a message to transmit and the bus has been
captured by another node, then the node randomly **monitors**
the bus until a free slot to transmit a message has been
detected.
As part of an error **checking** routine, the host
computer 20 transmits at periodic intervals a message to
every node to determine whether...For instance,
all thermostat control nodes would have the same type
segment, Also, all nodes that monitor **intrusion** sensors WO 95/22087
PCTfUS95/01805 - 19
analog input card and a digital input card* The subtype...digital
input card may have a plurality of channels with each one
associated with a different window **intrusion** sensor. The
connection segment would then provide a different address
for each sensor on that digital input...

...20 can monitor the status of
every hardware device. For instance, the address for a
particular window **intrusion** sensor would contain a domain
segment identifying the sensor as a hardware device, a
node ID segment that uniquely identifies the node, a type
segment indicating that the node is one that **monitors**
security sensors, a subtype segment that identifies the
digital input card to which the window **intrusion** sensor
is connected, a board segment which identifies the phys
ical location of the digital input card...

...messages.

The use of the various segments in the address also allows the host computer 20 to **check** the status of the network and to determine the configuration of the network, For instance, by using...201, the host computer 20 evaluates timer events to determine whether any timers have expired and to **check** on all time of day events. For instance, at step 201, the host computer 20 might...

...defined by a distinct zone

52e

Alternatively, a first security zone 52 may comprise a node that **monitors** all of the door **intrusion** sensors while a second security zone 52 may comprise a node that **monitors** all of the window **intrusion** sensors. Fig* 13 illustrates an exemplary layout of the zones 52 in a house. As shown in the figure, a first zone is comprised of all door **intrusion** sensors 1, a second zone encompasses all window **intrusion** sensors 2, a third zone is defined to include all fire sensors 3, a fourth zone contains...

...intrusion, the host computer 20

may then transmit a message to a security alarm 56 in the **security sub - system** to emit a siren, a message to the lighting control sub-system to turn on lights, and...

...20

takes in response to an event depends in part upon the mode of operation of the **security sub - system**, As an example, Fig. 14A illustrates a night mode of operation where the interior motion sensors do...communicates with its mirror image software object in the host computer 20. The software in the node **monitors** the physical button 80 and transmits messages to the mirror image software button 82 in the...

15/5,K/18 (Item 17 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00179615

COMPUTER FILE PROTECTION SYSTEM

SYSTEME DE PROTECTION DE FICHIERS D'ORDINATEUR

Patent Applicant/Assignee:

EMPIRICAL RESEARCH SYSTEMS INC,

Inventor(s):

JONES Richard P,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9013084 A1 19901101

Application: WO 90US2113 19900418 (PCT/WO US9002113)

Priority Application: US 89886 19890419

Designated States: AT AU BE CH DE DK ES FR GB IT JP KP KR LU NL SE SU

Main International Patent Class: G06F-012/14

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5813

English Abstract

The invention is a system for protecting the security of computer files. It has hardware elements, including a programmable auxiliary memory and control unit along with associated software elements. The **security subsystem** is installed on the host computer bus so that it resides in

the control logic, address, and data signal path between the computer storage device and central processing unit. The security system is accessible by the computer operating system only during installation and initialization. Thereafter it is inaccessible to or by the operating system. Supervisor determined criteria for access permission to read; write and execute files are entered into the auxiliary memory system where they are protected from alteration. The security system will deny access to users with invalid entry criteria and refuse to write data to the file storage device when **unauthorized** operations have been performed. When breaches of these types occur the security system can lock the computer against further activity until it is released by entry of a master password from supervisory or security personnel. The system maintains a protected area in the computer memory device where, among other data, file signatures of all valid files are retained. The protected area of memory also maintains appropriate signatures of all internal files in the security system so that they can be automatically **checked** for integrity.

French Abstract

L'invention concerne un systeme de protection pour la securite des fichiers d'ordinateur. Il possede des elements machine, comprenant une unite de commande et memoire auxiliaire programmable ainsi que des elements de logiciel associes. Le sous-systeme de securite est installe sur le bus de l'ordinateur central de sorte qu'il reside dans le chemin de logique de commande, d'adresse et de signaux de donnees entre le dispositif de stockage de l'ordinateur et l'unite de traitement centrale. Le sous-systeme de securite est accessible par le systeme de fonctionnement de l'ordinateur uniquement pendant l'installation et la mise en marche. Ensuite, il est inaccessible au systeme de fonctionnement ou par ce systeme de fonctionnement. Des criteres determines par un superviseur pour l'autorisation d'avoir acces au fichier, a leur lecture et a leur ecriture, sont entres dans le systeme a memoire auxiliaire ou ils sont proteges contre toute modification. Le systeme de securite refuse l'accès a des utilisateurs dont les criteres d'entree ne sont pas valides et refuse l'ecriture de donnees dans le dispositif de stockage par fichier lorsque des operations non autorisees ont ete effectuees. Lorsque des infractions de ce type ont ete commises, le systeme de securite peut verrouiller l'ordinateur et empecher toute activite future jusqu'a sa liberation par introduction d'un mot de passe maitre introduit par le personnel de supervision ou de securite. Le systeme maintient une zone protegee dans le dispositif a memoire de l'ordinateur ou, parmi d'autres donnees, des signatures de fichiers de tous les fichiers valides sont retenues. La zone protegee de la memoire maintient egalement des signatures appropriees de tous les fichiers internes dans le systeme de securite de maniere a pouvoir controler automatiquement leur integrite.

Fulltext Availability:

Detailed Description
Claims

English Abstract

...has hardware elements, including a programmable auxiliary memory and control unit along with associated software elements. The **security subsystem** is installed on the host computer bus so that it resides in the control logic, address, and...

...to users with invalid entry criteria and refuse to write data to the file storage device when **unauthorized** operations have been performed. When breaches of these types occur the security system can lock the computer...

...maintains appropriate signatures of all internal files in the security system so that they can be automatically **checked** for integrity.

Detailed Description

... main bus in similar fashion is an encryption/unencryption device. It is emphasized here

that the file **security subsystem** is not, nor is it in any way analogous, to an encryption device. It may include an...

...13084 PCT/US90/02113

Operation of the File Security System

During startup, the file security system will **check** the files associated with the operating system for consistency. This is done by comparing the file signatures...

...portion of memory within the file storage device

that is inaccessible to the operating system, The same **check** can be made for any change in file signature of all executable files. As was noted earlier...

Claim

... control logic, address and data signals;
supplying operating system software for said computer;
further providing a file **security subsystem** for said digital computer, said **security subsystem** further comprising a programmable auxiliary memory and control unit attachable to the host computer bus in a...

...control logic, address, and data

5 signal path between said storage device and central processing unit, said **security subsystem** being accessible by the computer operating system for initialization and modification only during an installation stage of the **security subsystem** but following said installation stage, during computer system operation, the **security subsystem** is inaccessible to or by the operating system, the auxiliary memory system being adapted for receiving and...

...to users with invalid entry criteria and refusing to write data to the file storage device when **unauthorized** operations have been performed.